



U. S. Environmental Protection Agency
Region 5, Land and Chemicals Division
RCRA Branch, LR-8J
77 West Jackson Blvd
Chicago, IL 60604

RCRA COMPLIANCE EVALUATION INSPECTION REPORT

SITE NAME: Ortek Inc.

EPA ID NUMBER: ILD000646786

ADDRESS: 7601 West 47th Street
Mc Cook, Illinois 60525

DATES OF INSPECTION: December 9, 14, and 21, 2011 and
January 30, 2012

EPA INSPECTOR: Michael Beedle

PREPARED BY:


Michael Beedle

2/3/12
Date

ACCEPTED BY:


Paul Little, Chief, CS2

2-3-12
Date

Purpose of Inspection

This inspection was an evaluation of the Ortek Inc.'s compliance with hazardous waste and used oil regulations found at Illinois Administrative Code and the Code of Federal Regulations. The inspection was an EPA lead RCRA Compliance Evaluation Inspection (CEI).

Participants

Inspector:

Michael Beedle, Environmental Scientist, EPA

Representatives of Ortek:

Robert Kolar, Project Manager

Laurie Witter, Office Manager

Introduction

This inspection was conducted over four separate days on December 9, 14, and 21, 2011 and January 30, 2012. I first arrived at the site at approximately 10:10 AM on December 9th. I met with Ms. Witter and Mr. Kolar introduced myself; presented my inspector credentials and business card; and described the purpose and the process of the inspection. Mr. Kolar provided a description of the site and led the tour. Ms. Witter and Mr. Kolar provided records for review. Ortek has approximately seven employees. Ms. Witter and Mr. Kolar typically work to approximately 4:30 PM.

I provided a Small Business Resources information sheet to Mr. Kolar on December 21st. Mr. Kolar and Ms. Witter indicated that the owner of the facility is currently in prison and that they were doing the best they could in consideration of the circumstances. (See: <http://www.mysuburbanlife.com/lagrange/features/x1328933671/Man-barricaded-in-home-in-McCook-Lyons-area>)

Site Description

Ortek has notified as used oil refiner and marketer. The site takes in used oil, waste antifreeze, and non-hazardous wastewater. The site use to distill the used oil to manufacture gas oil. The site's stills have not operated since January 2010 or January 2009. Ortek took in crank case oil from Future Environmental and distilled it for them. The site formerly made lube oil many years ago.

Ortek takes in wastewater that has a small amount of oils on it. The site consolidates the wastewaters. When enough oil is on the top of the water, the oil removed. The site discharges the separated water to the sewer per a pretreatment permit. The site does not treat the water with chemicals. It only separates oil from the water. It operates as a Centralized Wastewater Treatment facility.

The site reclaims antifreeze. The site filters antifreeze and removes any oil from the top of it. The site then adds ingredients to antifreeze to meet specification. The site sends antifreeze samples offsite to make sure it meets the final product specifications.

The site packages and sells the antifreeze and reclaimed oil to Mazan Khatib of New World Sales who sold the material under the Super XXX product brand. Mr. Kolar said there is another company out there using the Ortek Super XXX label that is putting out bad material. He said there is an investigation of who is using their label.

Mr. Kolar checks the used oil for chlorine and PCBs using an Oxford XRF. He said the sample is taken as the tanker is offloaded. He said the used oil is placed into a tank and is segregated until the analytical is completed. He said they have rejected loads with high chlorine.

Mr. Kolar said the material received is mostly water. He said the oil floats to the top of the water. He said the water is sent to the wastewater treatment plant. He said the water is not treated with any chemicals. The water is discharged to the sewer. Only gravity separation is used for the treatment. I asked about the solids settling out of the oil and wastewater. He said the solids are still in the tanks and have not been removed for a number of years.

Mr. Kolar said chemicals are added to oil to help the separation from water. He said caustic, alum and polymers are added. He said the oil is sold or returned to their customers. The site main customers were identified as: Future Environmental, North Branch Environmental, Turn-Key, Haz Chem, and Illinois Recovery Group.

Mr. Kolar said the solids/sludge from their oil/antifreeze/wastewater processing are in the tanks. He said there are solids generated in the filtration of antifreeze in socks. Mr. Kolar and Ms. Witter said the last time the solids were removed was 4 or 5 years ago by Best Environmental.

Site Tour

We toured the site observing the lab; used oil tanks; stills; the triple basin; oil and antifreeze packaging; and the wastewater treatment plant. I took photographs of the various waste operations and waste storage/accumulation areas during the inspection. See the photographs in Attachment A.

We started the tour in the lab. The site runs flash point on material they are sending offsite. Mr. Kolar said the site rejects gasoline. The lab has a GS/MS that is currently down. The site sends samples out for such analysis as necessary. The site use pH paper to determine the pH of a material. The site has centrifuge and will do DSW on a occasion. DSW is a centrifugal analysis to determine the amount of oil, water and solids in a sample of material. The site also does solvent extraction of some material in the lab. The site uses acetone, and toluene for the extractions. The acetone and toluene are placed into a lab oil bucket. The lab oil is returned to the oil tanks.

We observed tank 101. It was labeled used oil. It did not have secondary containment (photos 1-5). There were a tray and a 5 gallon bucket outside of tank 101 to catch oil drippings (photos 3-5). There was a small amount of oil in each. Neither were labeled or marked used oil.

We went to the boiler and observed tanks (200 series) for finished products and additives. The boiler and finished oil products operations had not been running for a couple of years.

I observed tanks 1, 2, and 3. The tanks were labeled used oil. These tanks were in secondary containment. Mr. Kolar said that water is taken off the oil and it is dehydrated in these tanks. I observed the triple basin where debris/dirt is separated off oil. I took pictures of the basin (photos 6, and 15-18). The basin is pumped to tank 101. Tanks 1-6 take water off oil and the water is sent to the wastewater treatment plant. There was oily debris on top of the basin's grates and several 5-gallon buckets (photos 15 and 17). The buckets were not labeled used oil. In the offloading area near tanks 1-10 and tanks 120-146 there were numerous 5-gallon buckets (photo 7) and a 55 gallon drums holding used oil. These containers were not labeled or marked used oil.

I observed a truck being loaded during the tour. Illinois Recovery Group (IRG) out of Franklin Park and Morris was picking up oil. The driver, Zach Petry, said the truck was going to the Morris facility to a storage tank. He said the material is sold to asphalt companies as fuel.

We walked on the south side of the 1-10 and 120-146 tanks. The tanks do not have secondary containment. The soil near these tanks appeared to be oil stained (photos 8 and 9). Tanks 1-10 are on a concrete pads but do not have secondary containment walls.

I observed a monitoring well during the tour (photo 10). Mr. Kolar said that there were 8-10 monitoring wells onsite. I took pictures of the catch basins, lift station, and triple basin south of the 1-10 and 120-146 tanks (photos 11-26). The catch basins are used capture liquid run off from the processing areas (photos 11- 14, 16, 24 and 25).

The lift stations (photos 19 and 20) are used to send material to the wastewater treatment plant. I observed that oil was being released from the triple basin, catch basin and lift station area onto the adjacent soil (photos 11-14, and 16). I observed sludge/solids in the bed of a truck (photos 21, 24 and 26) in this area. The tarp over the sludge was torn and not covering the material. Mr. Kolar said the sludge was from loading and offloading at the triple basin.

There is an area south of these tanks where oil was formally loaded/off-loaded into rail cars (photos 22-23). The secondary containment under this area had oil in it. I observed an old tank that had a worn tarp and plywood on it (27-29). Mr. Kolar said the tank was approximately $\frac{3}{4}$ full of sludge. Photo 29 is under the plywood and tarp. Sludge, debris and liquid can be seen in the photo.

Tank 100 has flexible piping from it to the triple basin area (photo 30). Outside of tank 100, I observed oil sludge on the ground (photo 31). The tank was labeled used oil but did not have secondary containment (photo 32). The level indicator on tank 100 showed that the tank was approximately half full (photo 33).

I observed a tanker truck arriving at Ortek from Turn-Key. I talked to the driver, Brandon Miller. He showed me non-hazardous wastewater manifest he was carrying. The material on the manifest was rejected by Klean Water in Indiana and was rerouted to Ortek.

We went into a building called the grease shack (photos 34-41). Mr. Kolar indicated that the building had not been used for a number of years. There were numerous abandoned drums, containers, and six lead acid batteries in the building. Some of the material was hazardous material in 5-gallon cans (approximately 12 cans). This material included chlorobenzene, 2-propanol, pyranol (PCB) and a can marked poisonous (catechol) (photos 37-39). I discussed with Mr. Kolar the dangers of abandoned chemicals and that it is common for such material to start leaking. I also mentioned waste requirements associated with spent batteries.

I next observed the offloading pumps near the 500 series tanks (photos 42 and 43). There were two 5-gallon pails without lids and a 55-gallon drum in this area. The pails were not labeled or marked used oil and contained oil. One had a large filter in it. The 55 gallon drum was closed and labeled used oil. The containers were not in secondary containment.

I observed tank 400 (photos 44 and 45). It is 250,000 gallon tank that is used to store used oil from Future. This is the oil that would be refined into gas oil if that operation resumes. Tank 400 is labeled used oil and has secondary containment. It is mostly full.

We went to wastewater treatment plant. Near this area there was spill a couple years ago from a heavy rain event. Mr. Kolar indicated that Future helped clean up the spill and that oil eating microbes were placed in the area. I did not observe any residual oil staining in the area.

Mr. Kolar said the wastewater treatment consists of API oil water separator. He said there was no chemical additive used to treat the water. He said that only physical separation occurs. He said that the oil recovered from it is pumped to tank 323. He said the solids from the treatment are still in the tanks. He said the solids had not been removed for a couple of years.

I observed the thermal oxidizer, three stills, hydrotreating treatment units and associated tanks that are used for refining the used oils. These units were not operating.

Record Review

After the tour on December 9, I met with Ms. Witter and Mr. Kolar. We further discussed site operations. It was reported that Future uses tanks 7, 8 and 400 for oil storage. In tanks 7 and 8, Future drops and picks up used oil on a routine basis. Tank 400 used oil has been in storage for a couple years. Mr. Kolar said all waters go into the triple basin which in turns goes into tank 101. Tank 101's water is taken off and sent to the WWTP. Oil is moved to another tank where more water may be removed. If the oil is dry enough it is sold to a customer. Ortek will sell it to Illinois Recovery or Future. Ms. Witter said that Ortek does not get analytical results with water shipments.

Because of participants' schedules, we discussed performing the record review on another day. I described the documents I would like to review which included: a site diagram, used oil manifests, antifreeze shipments, analytical data on the material received and shipped, the analysis plan and the biennial report. The inspection ended at 2:00 PM on December 9, 2011. Mr. Kolar emailed me a site diagram after the first day of inspection was completed (Attachment B).

December 14

I returned to Ortek on December 14, 2011 at 1:30 PM to review documents. I met with Mr. Kolar and Ms. Witter. Mr. Kolar further described the antifreeze process to me. He said the antifreeze is coming in a similar manner as oily waste. It does not come into the wastewater system. He said the site processes the antifreeze to make new antifreeze. He said they separate the oil and glycol. The antifreeze is filtered, the pH is adjusted, and an additive package including surfactants and more glycol are added. He said Mazen Khatib (New World Sales) is the person that Ortek bottles up the material under the Super XXX brand. Ms. Witter said that Mr. Khatib is not part of Voyager Petroleum. Voyager Petroleum comes up when a web search of Super XXX is done. Mr. Kolar said the antifreeze sits for month for separation. He said the material is packaged approximately twice a month depending on demand. It is package into 1-gallon jugs.

I asked about the storage of Future's oil. Mr. Kolar said the Future's oil is not processed. I asked if any of the Future material was stored more than 35 days. He said in tank 400 it is. As of November 2010 there was approximately 230,000 gallons of used oil in tank 400 per scale records. Tank 400 is a 250,000 gallon tank. Future's contacts are Steve Lempa, owner; and Jim Tietz, Vice President; Future's phone number is 708-479-6890. The crank case oil was vacuum distilled to make gas oil. It was shipped offsite and further processed by another company to make gasoline.

Ortek brings in antifreeze and wastewater on manifests and used oil on bills of lading. I reviewed some of Future's incoming and outgoing shipping documents for 2011. I did not see used oil rebuttable presumption information for the shipments.

I reviewed shipping documents for a company named RS Used Oil Services. In this folder there were several incoming and outgoing shipping documents, invoices and communications. There were eight hazardous waste manifests that had the generator's name and mailing address as RS Used Oil Services, Inc., 25903 S. Ridgeland Avenue, Monee, Illinois 60449. The Generator's ID was ILR000167478. The generator's site address was Ortek's, 7601, W. 47th Street, McCook, IL 60525. Ziron Environmental Services was the transporter on the manifests. The designated receiving facility was Green Castle WDF Facility in Indiana. The U.S. DOT description was RQ, UN 1992, Waste Flammable Liquids, N.O.S., 3 (6.1), PGII (RQ-D001)(Petroleum Distillates, Tetrachloroethylene). The waste codes on the manifests were D001 (ignitable), D008 (lead), and D039 (tetrachloroethylene).

Ms. Witter provided copies of two manifests, one land disposal restriction notification, a spreadsheet with shipment information and an email communication related to RS hazardous waste shipments (Attachment C). The material was removed from tanks 146, 122, and 120 per the spreadsheet and email communications. An account statement showing shipments to Ortek from RS was provided to me. Ms. Witter said the six shipments highlighted from RS on the account statement were the material sent offsite on manifests. The received material highlighted was date ranged from 4/14/11 to 5/17/11. The hazardous waste manifests were shipped from 11/1/11 to 11/14/11. A total of 41,312 gallons were shipped offsite as hazardous waste. Ms.

Witter said the material did not meet specs and was sent offsite. Ms. Witter provided documents related to RS shipment to Ortek on 4/14/11 (Attachment D).

The generator's ID on the manifests is not the same as Ortek's. Searching this ID comes up with the RS as the generator at Ortek's address in McCook. The notification says the generator is a Large Quantity Generator. See Ortek's notification information in Attachment E and RS' notification information in Attachment F.

Mr. Kolar provided a copy of the Ortek's Used Oil Management Waste Analysis Plan (Attachment G). Mr. Kolar said that manifests received are entered into spreadsheet approximately every other day. He said analytical data is recorded on a daily basis in log sheets. I reviewed the manifest of the wastewater that was rejected from Klean Water in Griffin Indiana that Turn-Key rerouted to Ortek. This was the shipment I observed during the site tour on December 9. There was nothing unusual marked on the manifest. The inspection on December 14 ended at approximately 4:15 PM. I arranged to continue the inspection on another day to be able complete the inspection checklist.

December 21, 2011

I arrived at approximately 2:00 PM. I met with Mr. Kolar and Ms. Witter to complete the used oil inspection checklist and to review the analytical records kept by Ortek. Mr. Kolar provided a copy of the Spill Prevention, Control and Counter Measures Plan (Attachment H); documents associated a July 24, 2010 spill and response (Attachment I); Ortek's Illinois Nonhazardous Special Waste Annual Report (Attachment J); and a copies of Certificate of Analysis for samples identified as glycol; oil 503; and WO 4, 5, 6, 101 (Attachment K). The glycol analysis had an arsenic results of 25.58 ppm. The WO 4, 5, 6, 101 sample had chromium levels at 179 ppm.

Mr. Kolar indicated that he uses approximately 1-gallon of acetone every two months; and 1-gallon of toluene every six months for solvent extraction of oil in the lab. He said he runs chlorine analytical on everything they bring in except antifreeze product. The Oxford XRF was not running and was shipped offsite for repair. He said it worked for a few days then went down again. Mr. Kolar reported that the site is still receiving some waters.

Mr. Kolar thought the site was a centralized waste treater. Mr. Kolar said that since Jamie Snyder left that there was no compliance person onsite. They reported that Mr. Snyder and Mr. Aughenbaugh did most of the environmental compliance work for the site. Mr. Kolar said he was hired to run the vacuum distillation oil refining units and he was not hired for environmental compliance.

Ms. Witter said the site is not really taking in material at this time because of the Oxford being down. She said the site will bring in water and oil when the Oxford is fixed. Mr. Kolar and Ms. Witter said that three or four years ago, solids were taken out of the site. They thought Best Environmental is the contractor that came in and took out the solids.

It was reported that Future uses Tanks 7 and 8 for a few days to a week at most for storage of used oil and that tank 400 was storing Future's used oil for more than 35 days.

I reviewed some of the chlorine analytical data. I was somewhat confused by the system Ortek used. The Oxford printout was in percentages. Mr. Kolar wrote down the percentages as parts per million (ppm) in a log book on occasion. For example, I observed an Oxford printout of 0.149% and the recorded value of 0.149 ppm was recorded in the log. I mentioned to Mr. Kolar that it is my understanding that a reading of 0.149% is equivalent to 1,490 ppm. Mr. Kolar and I discussed this information.

I partially completed an used oil inspection checklist during the December 21 inspection (Attachment L). I was not able to fully evaluate information needed to complete the rebuttable presumption of mixing of used oil with hazardous waste. I mentioned that Ortek should have the generators rebut the presumption for each shipment and a profile with analytical data should be completed for each waste stream. The inspection on December 21 ended at 4:30 PM. I made arrangements to come back when the Oxford was working and to review the reporting of results.

January 30, 2012 Record Review

I arranged to observe the analytical device that Ortek uses for chlorine analysis. I arrived at the site at 10:30AM. I met with Mr. Kolar and Ms. Witter. We went to the lab and observed the Oxford Lab X3000 XRF. The device measures chlorine and sulfur content. Mr. Kolar demonstrated how the device is used on a sample received. Mr. Kolar keeps a log of chlorine results and pH by scale ticket number for each shipment received. The document is entitled "*Daily Receiving Log Used Oils*" (Daily Log). The Oxford analytical printout is stapled to the log. The printout reports percentage of chlorine. Mr. Kolar mostly recorded the percentage on the log up to December 21, 2011 when we discussed the difference between percentage and parts per million. The log is kept in the laboratory.

I observed on the Daily Logs that for the days October 5, and October 12, 2011 that specific shipments received were above 1000 ppm chlorine. On 10/5, generator ITD, load 8, scale ticket 96760, the chlorine results were recorded as 0.7650 (7650 ppm). Ms. Witter provided a copy of this manifest associated with this ticket number. On 10/12 there were three shipments above 1000 ppm chlorine on the log and printouts. Scale ticket numbers 96817 and 96819 had analysis results of 0.6626% and 0.3288% respectively. Ms. Witter provided copies of these manifests for these two ticket numbers. See the Daily Logs and Manifests in Attachment M.

I observed numerous manifests for incoming shipments for January 2012. Most of the shipments were of wastewater. I observed samples that Ortek takes of each shipment. The sample jar is marked with the last three digits of the scale ticket number. I observed some samples of tank 101. It appeared to be half water and half oil. There were samples of oil/water transferred from tank 101 to tanks 126, 127, and 132 in the laboratory too. Mr. Kolar said the water is first taken off tank 101 and the oil is transferred to other tanks for further drying. According to Mr. Kolar this makes the drying easier and less chemicals are used for drying (water separation and removal).

I asked Mr. Kolar and Ms. Witter about the RS hazardous waste shipments. Mr. Kolar said the chlorine was too high in the oil. Ms. Witter said she told RS to pick up the material because Ortek could not use it. Ms. Witter said she did not know why it was hazardous waste.

I asked Mr. Kolar and Ms. Witter about the RS notifying as a large quantity generator and getting a EPA ID number for the Ortek address. Both said they did not know that RS had done so. Ms. Witter said that RS did not have a lease on any of Ortek's tanks.

Mr. Kolar provide a copy of a spreadsheet describing the current inventory: "*Ortek Storage Tanks Inventory*". Mr. Kolar stepped through the current inventory. I took notes on the document as we discussed it (Attachment N). Mr. Kolar did not know what was in 143 and 144 from memory. Ms. Witter called one of the tank operators to determine the contents. Tank 143 contents was distilled oil from when the distillation units were operating two years ago, other referred to as dried crank case oil. Tank 144 content was mostly dry oil with a little water in it from Haz Chem.

January 30, 2012 Tour

I briefly toured some of the concern areas identified during the December 9 tour. I took photos of some of the concerns. We went to the used oil container at the offloading area near tank 133. The container was a 275 gallon tote with the top cut off (photos 46-48). It was labeled used oil. Mr. Kolar said Ortek put down a secondary containment in the area. The asphalt was sloped and had side curbing (photo 48). I observed there was oil stained soil in between tanks 9 and 133 (photo 49).

I observed the truck that contained oil contaminated debris in its bed. Ortek had placed a new tarp and completely covered the waste after the 12/9/11 tour. Mr. Kolar said that Ortek started to place such solids in a drum and tote. The 55-gallon drums and the 1-cubic yard tote were not closed or labeled used oil. The containers were located at the railroad car offloading area (photos 51 and 52).

Ortek stores a number totes on a concrete pad. The pad does not have curbing or walls. The pad is in between tanks 100 and 101. The majority of the totes were labeled used oil. Mr. Kolar said the containers, for the most part, were empty. However there were at least three containers that were 1/4 to 1/3 full (photos 53-55).

We continued to the grease shack to view the 5-gallon cans. I told Mr. Kolar that the pyranol was tradename for PCBs. He was surprised and did not know why the site would have it. We viewed cans in the shack. The labeled cans had material in them. Some of the unlabeled cans did not. The can above the pyranol was rotated to be able read the label. It was butyl alcohol (photo 56). The can chlorobenzene can was light and may have been mostly empty.

One additional labeled can was discovered amongst the various excess equipment in the grease shack. The product description of the can could not be read but it did have a flammable liquid DOT label on it and material in it (photos 57-58).

We finished the tour by observing the offloading area near the 500 series tanks. The used oil container was closed, in good condition, and labeled but was not in secondary containment (photo 59).

Closing Conference

I summarized the secondary containment of tanks and containers; hazardous waste shipments; profile information; and rebuttable presumption issues and concerns identified during the inspection. The inspection concluded at approximately 12:50 PM on January 30, 2012.

Attachments

- A. Photographs
- B. Site Diagram
- C. RS Hazardous Waste Shipment Documents
- D. RS 4/14/11 Shipment Information
- E. Ortek's Notification
- F. RS Used Oil Services' Notification
- G. Used Oil Waste Analysis Plan
- H. SPCC Plan
- I. Release Information 7/24/10
- J. Special Waste Annual Report
- K. Analysis
- L. Checklist
- M. Daily Logs and Manifests
- N. Ortek Tanks Inventory

ATTACHMENT A

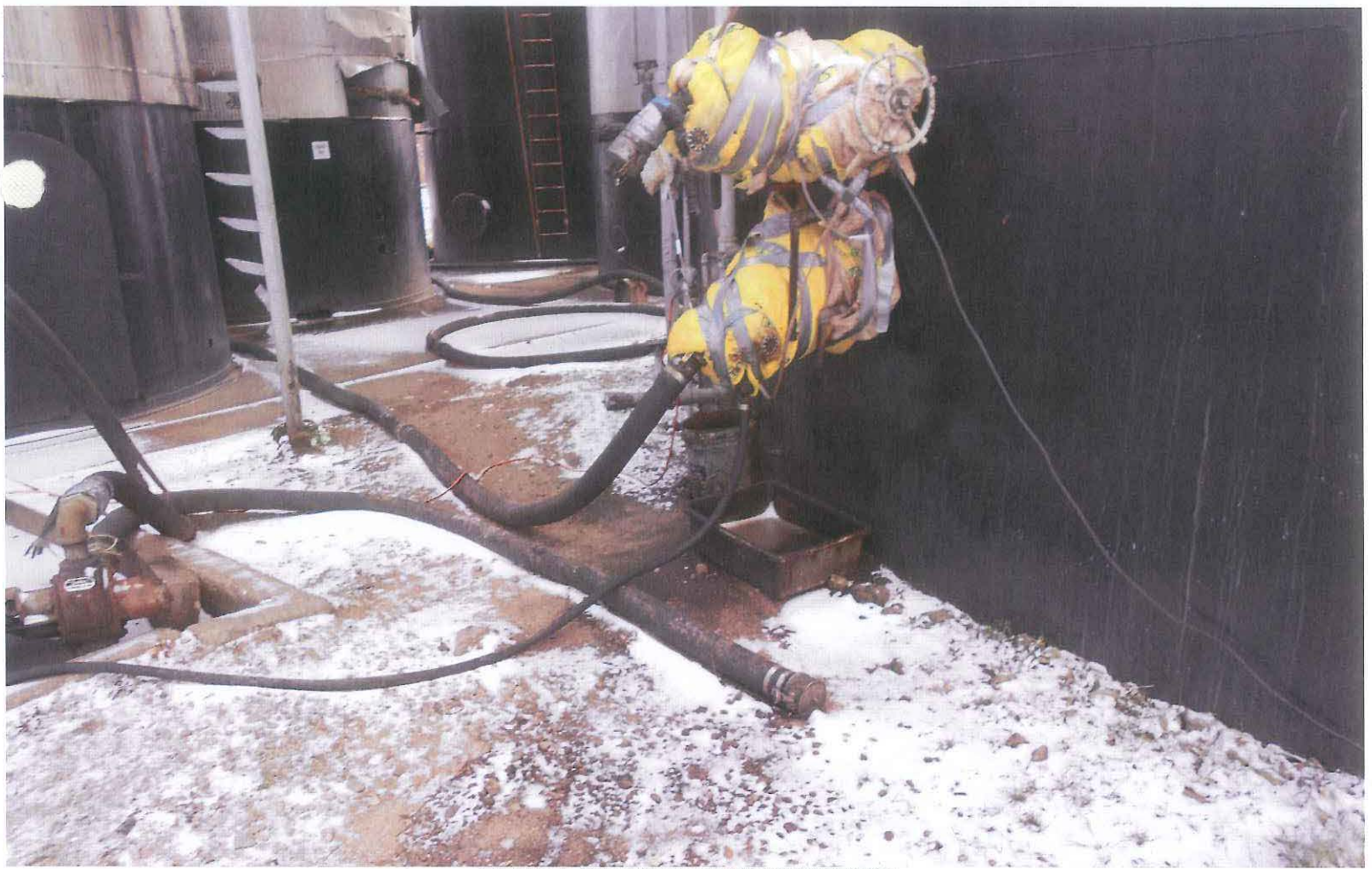
Photographs



Ortek Photo 01 by Mike Beedle, 2011/12/09 13:33:53



Ortek Photo 02 by Mike Beedle, 2011/12/09 13:35:28



Ortek Photo 03 by Mike Beedle, 2011/12/09 13:35:37



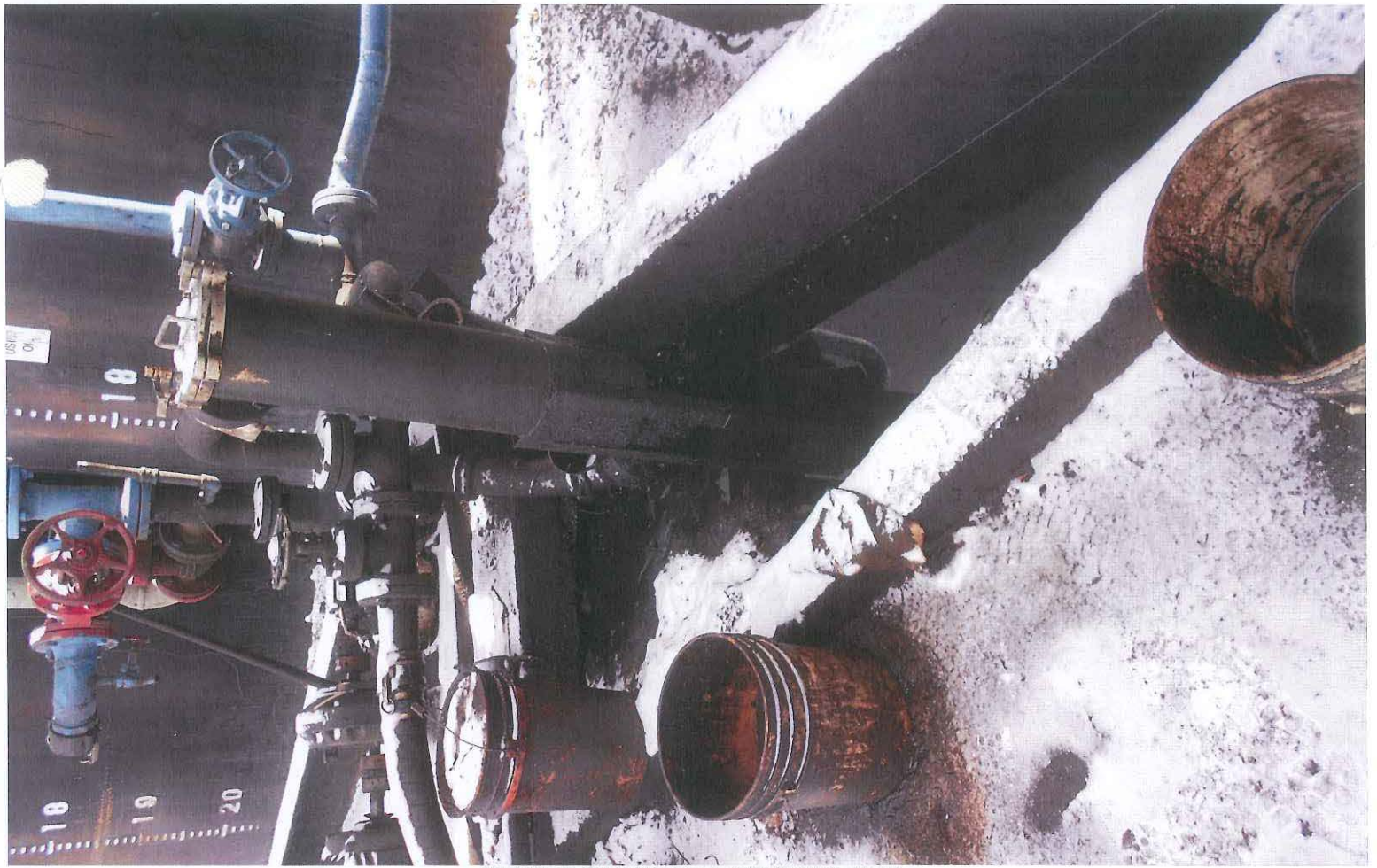
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Ortek Photo 05 by Mike Beedle,2011/12/09 13:36:01



Ortek Photo 06 by Mike Beedle,2011/12/09 13:38:29



Ortek Photo 07 by Mike Beedle, 2011/12/09 13:45:23



Ortek Photo 08 by Mike Beedle, 2011/12/09 13:49:13



Ortek Photo 09 by Mike Beedle, 2011/12/09 13:49:49



Ortek Photo 10 by Mike Beedle, 2011/12/09 13:51:32



Ortek Photo 11 by Mike Beedle, 2011/12/09 13:51:56



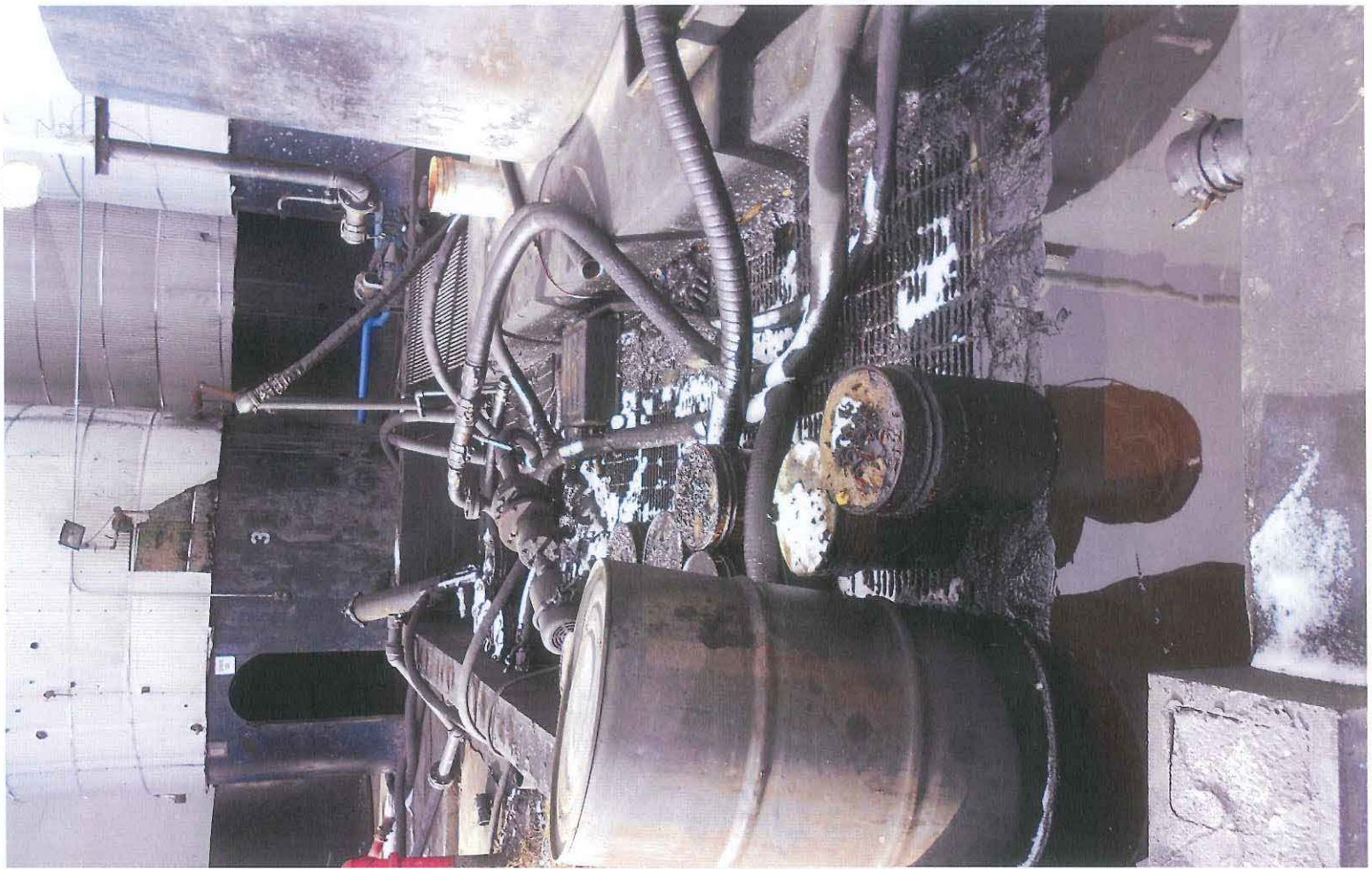
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Ortek Photo 13 by Mike Beedle, 2011/12/09 13:54:15



Ortek Photo 14 by Mike Beedle, 2011/12/09 13:55:37



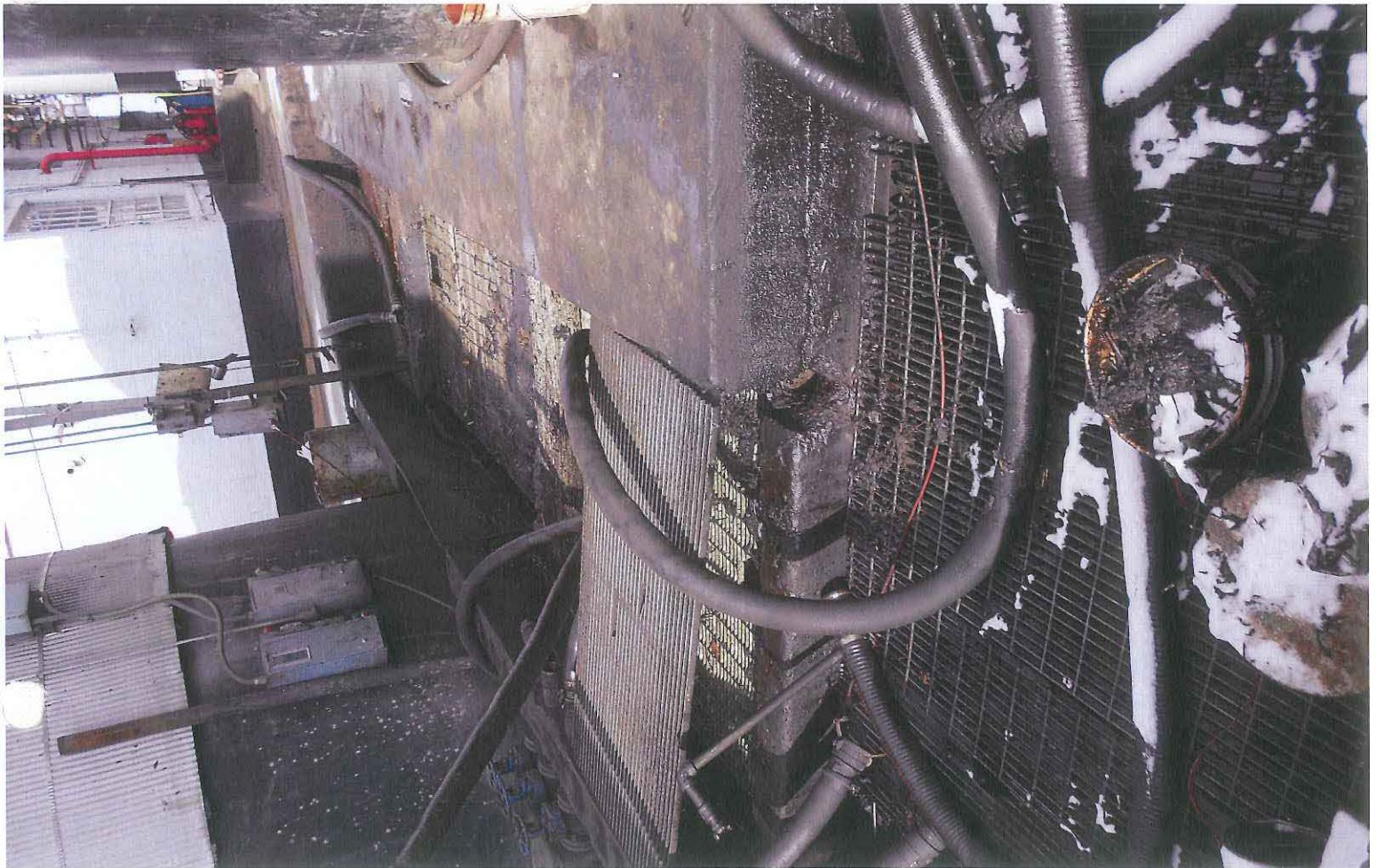
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Ortek Photo 16 by Mike Beedle, 2011/12/09 13:55:56



Ortek Photo 17 by Mike Beedle, 2011/12/09 13:56:10



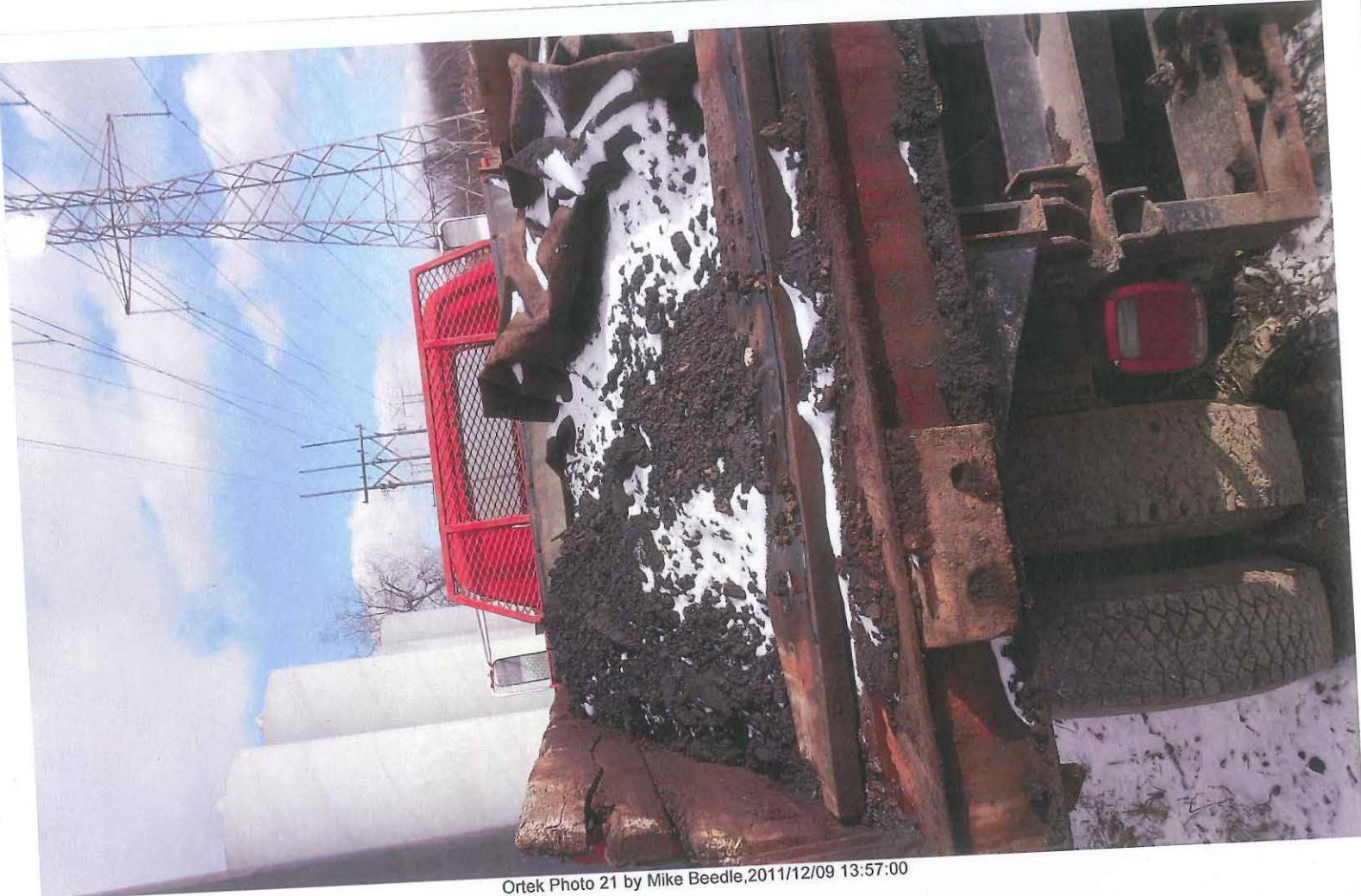
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Ortek Photo 19 by Mike Beedle, 2011/12/09 13:56:22



Ortek Photo 20 by Mike Beedle, 2011/12/09 13:56:34



Ortek Photo 21 by Mike Beedle, 2011/12/09 13:57:00



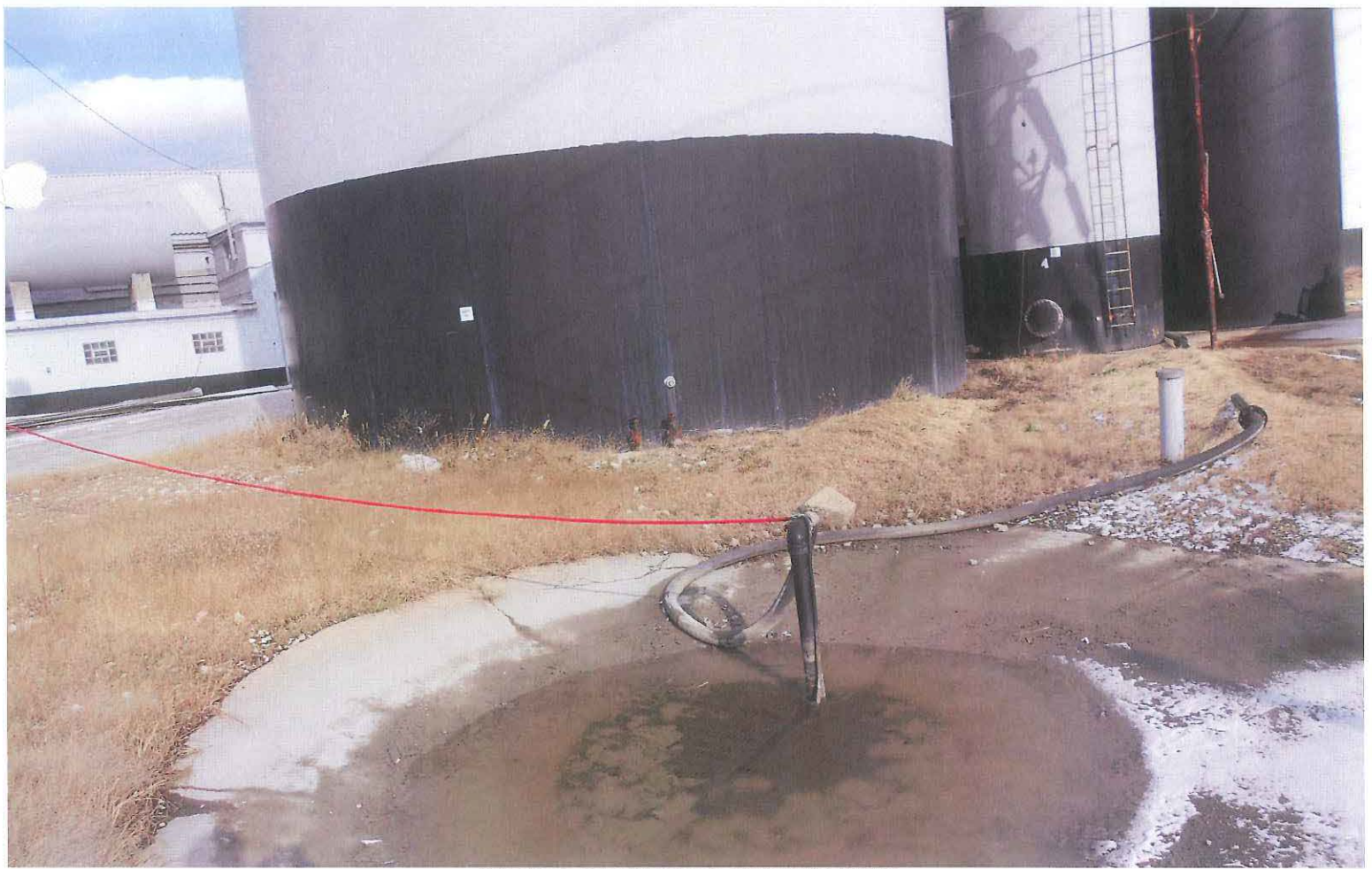
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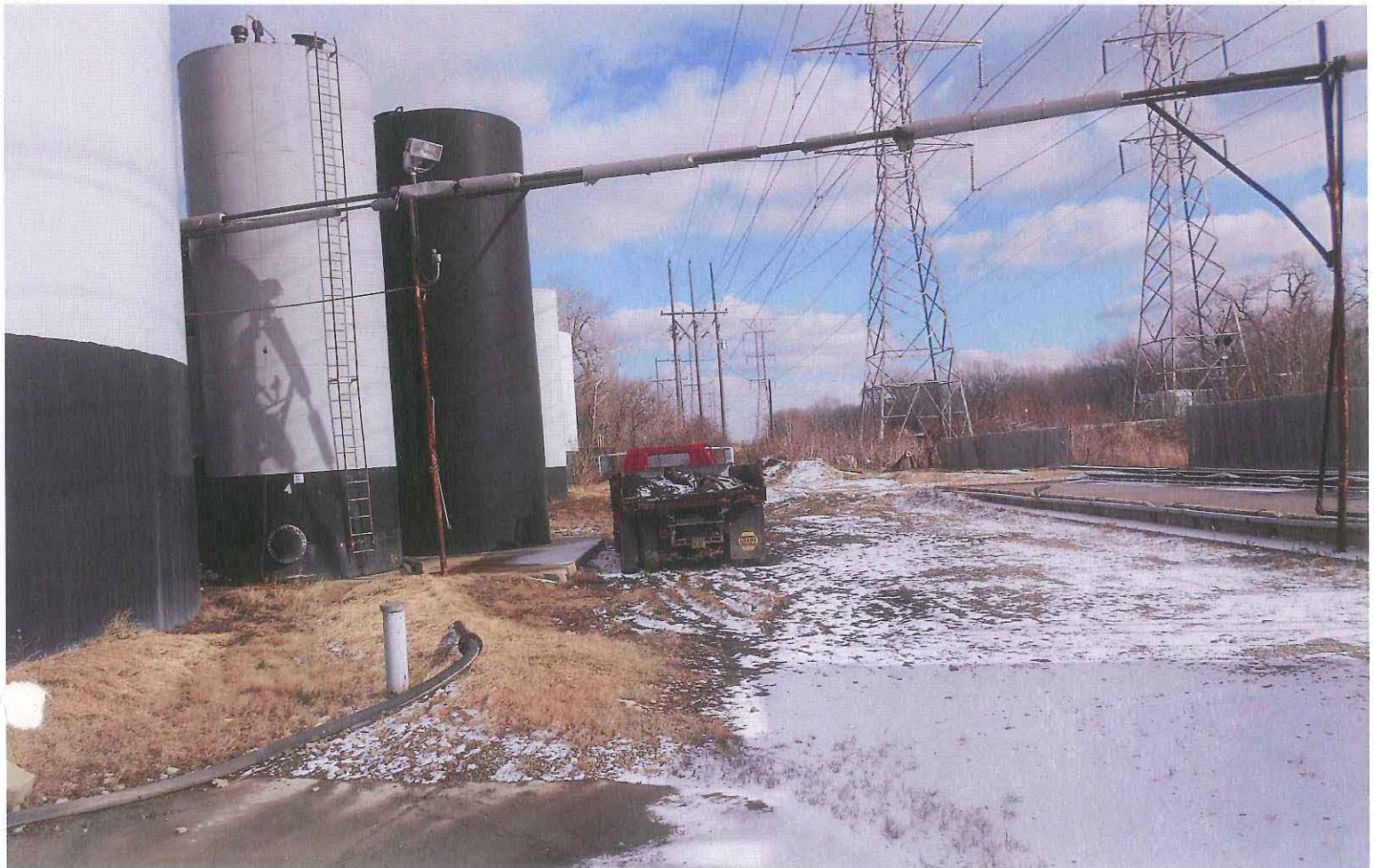
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Ortek Photo 24 by Mike Beedle, 2011/12/09 14:00:31



Ortek Photo 25 by Mike Beedle, 2011/12/09 14:00:53



Ortek Photo 26 by Mike Beedle, 2011/12/09 14:00:56



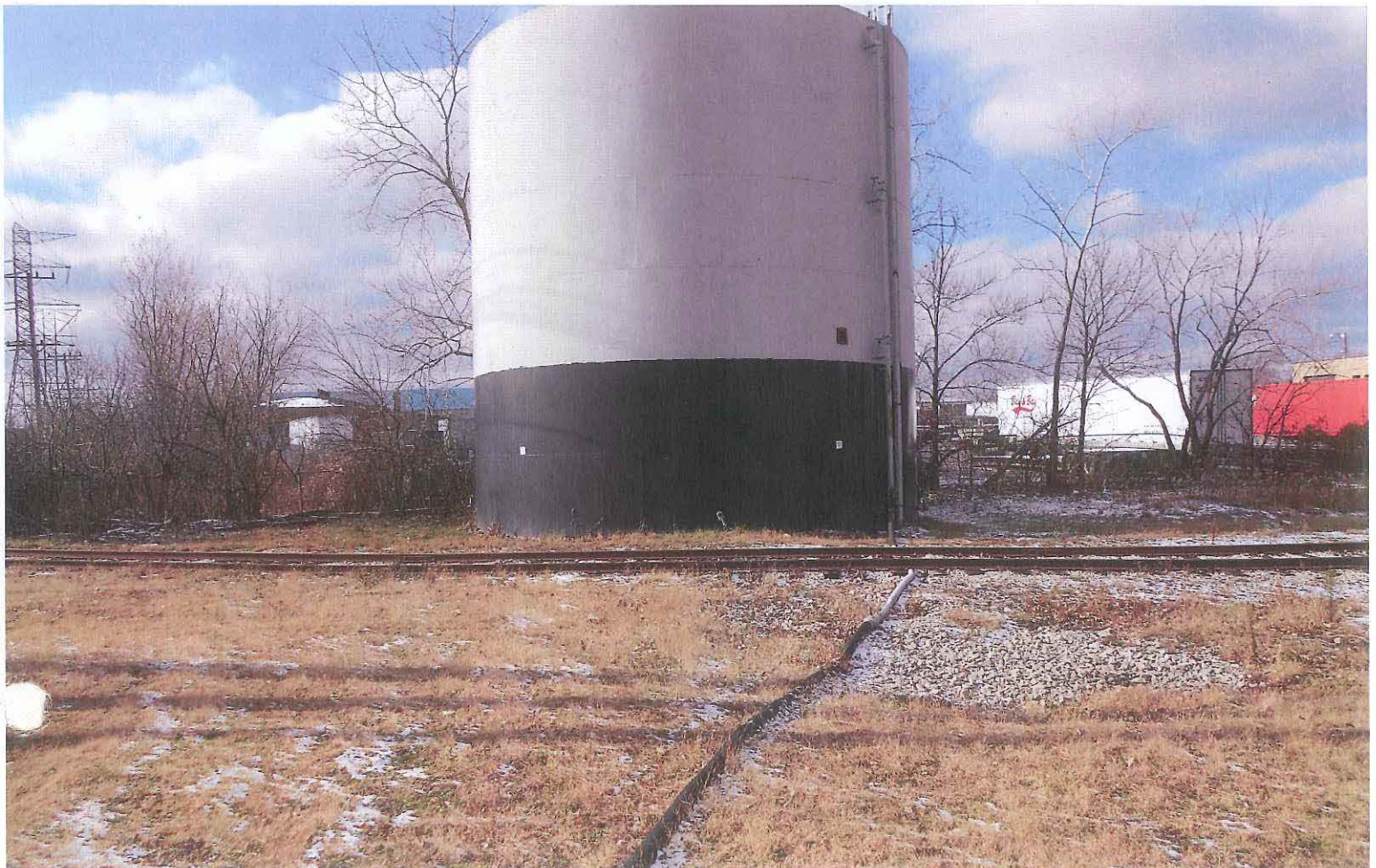
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Ortek Photo 28 by Mike Beedle, 2011/12/09 14:03:46



Ortek Photo 29 by Mike Beedle, 2011/12/09 14:03:57



Ortek Photo 30 by Mike Beedle, 2011/12/09 14:04:28



Ortek Photo 31 by Mike Beedle, 2011/12/09 14:07:31



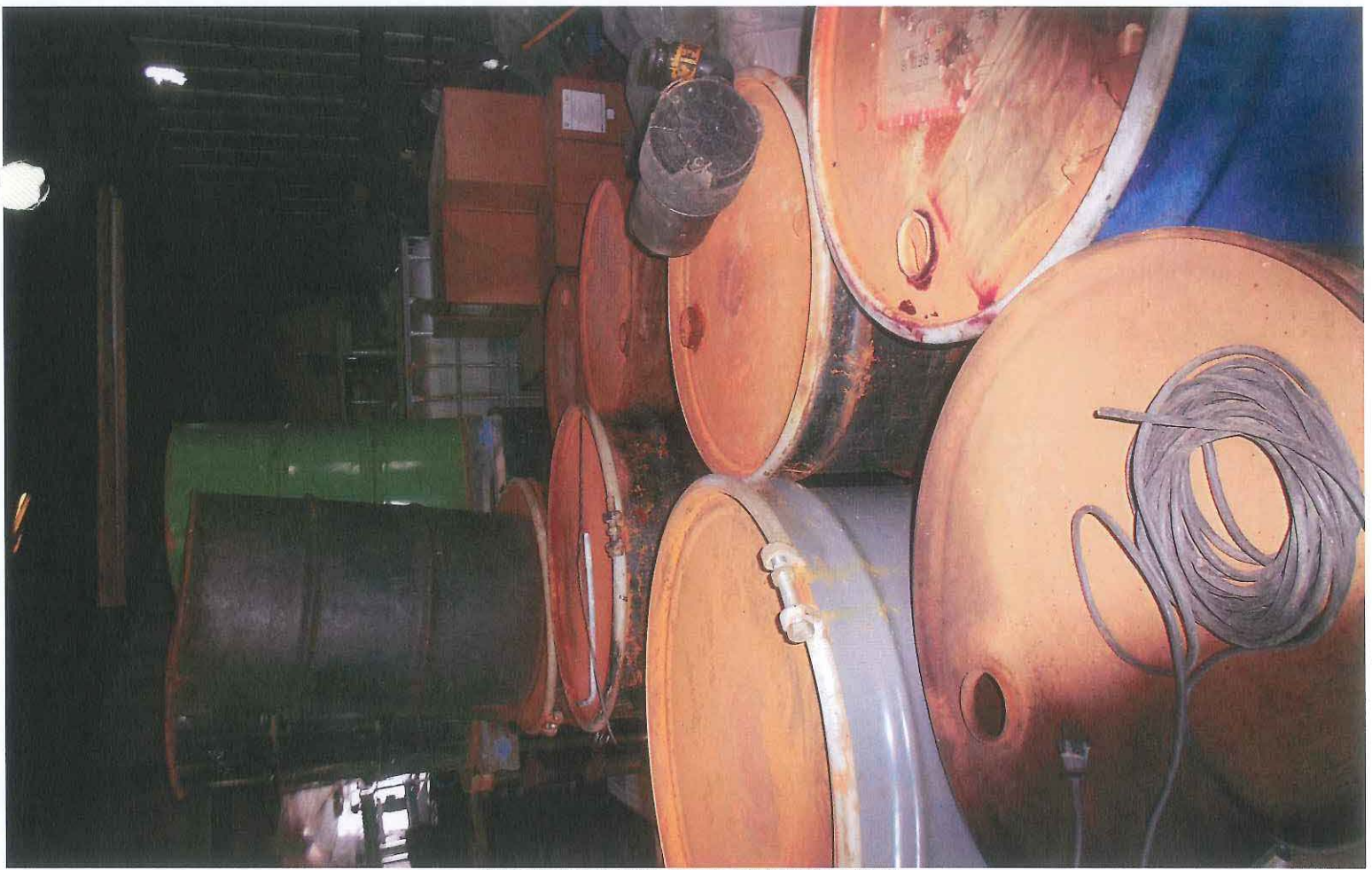
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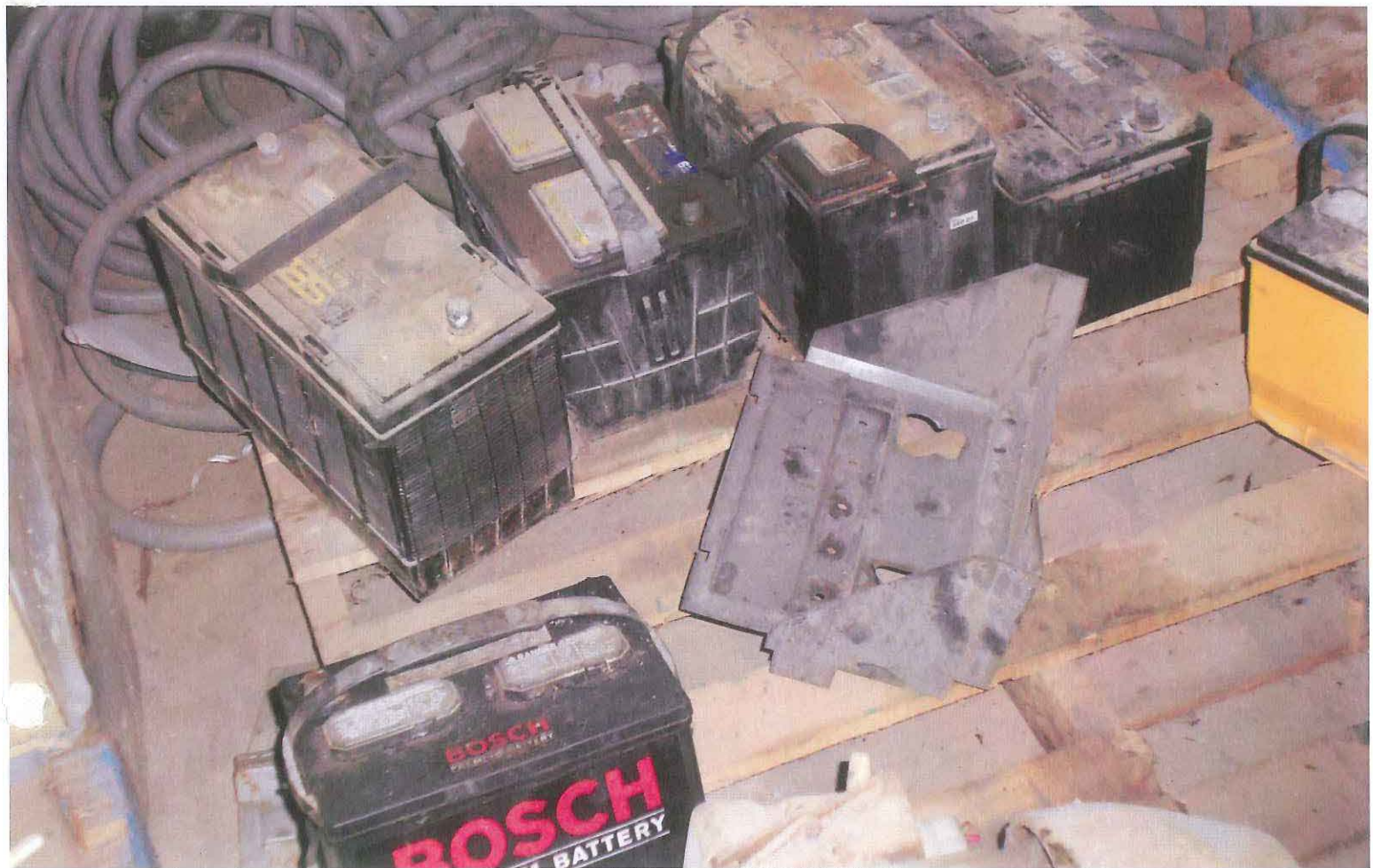
Ortek Photo 33 by Mike Beedle, 2011/12/09 14:08:18



Ortek Photo 34 by Mike Beedle, 2011/12/09 14:16:39



Ortek Photo 35 by Mike Beedle, 2011/12/09 14:16:58



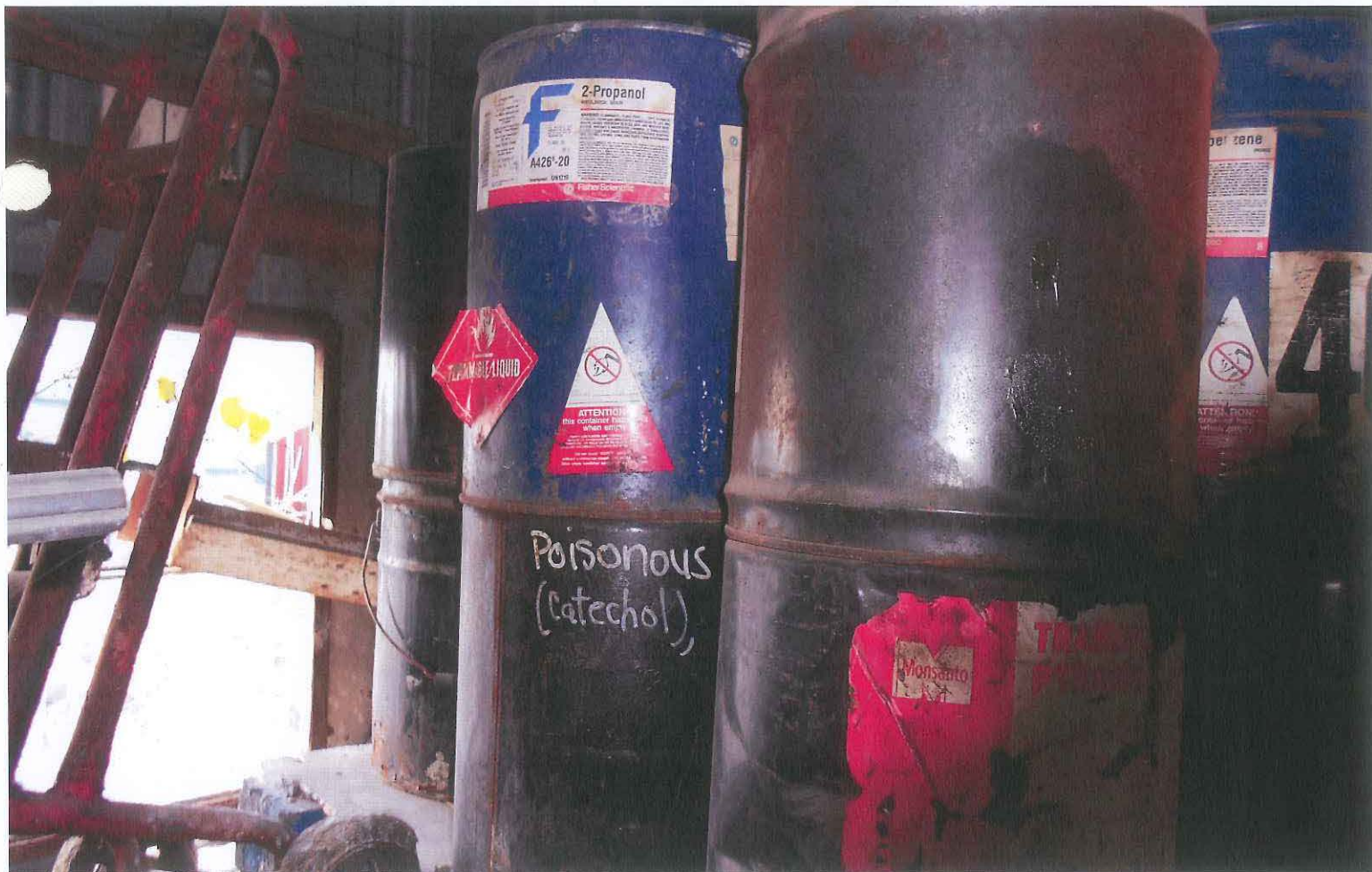
Ortek Photo 36 by Mike Beedle, 2011/12/09 14:17:43



Ortek Photo 37 by Mike Beedle, 2011/12/09 14:18:07



Ortek Photo 38 by Mike Beedle, 2011/12/09 14:18:21



Ortek Photo 39 by Mike Beedle, 2011/12/09 14:18:33



Ortek Photo 40 by Mike Beedle, 2011/12/09 14:19:26



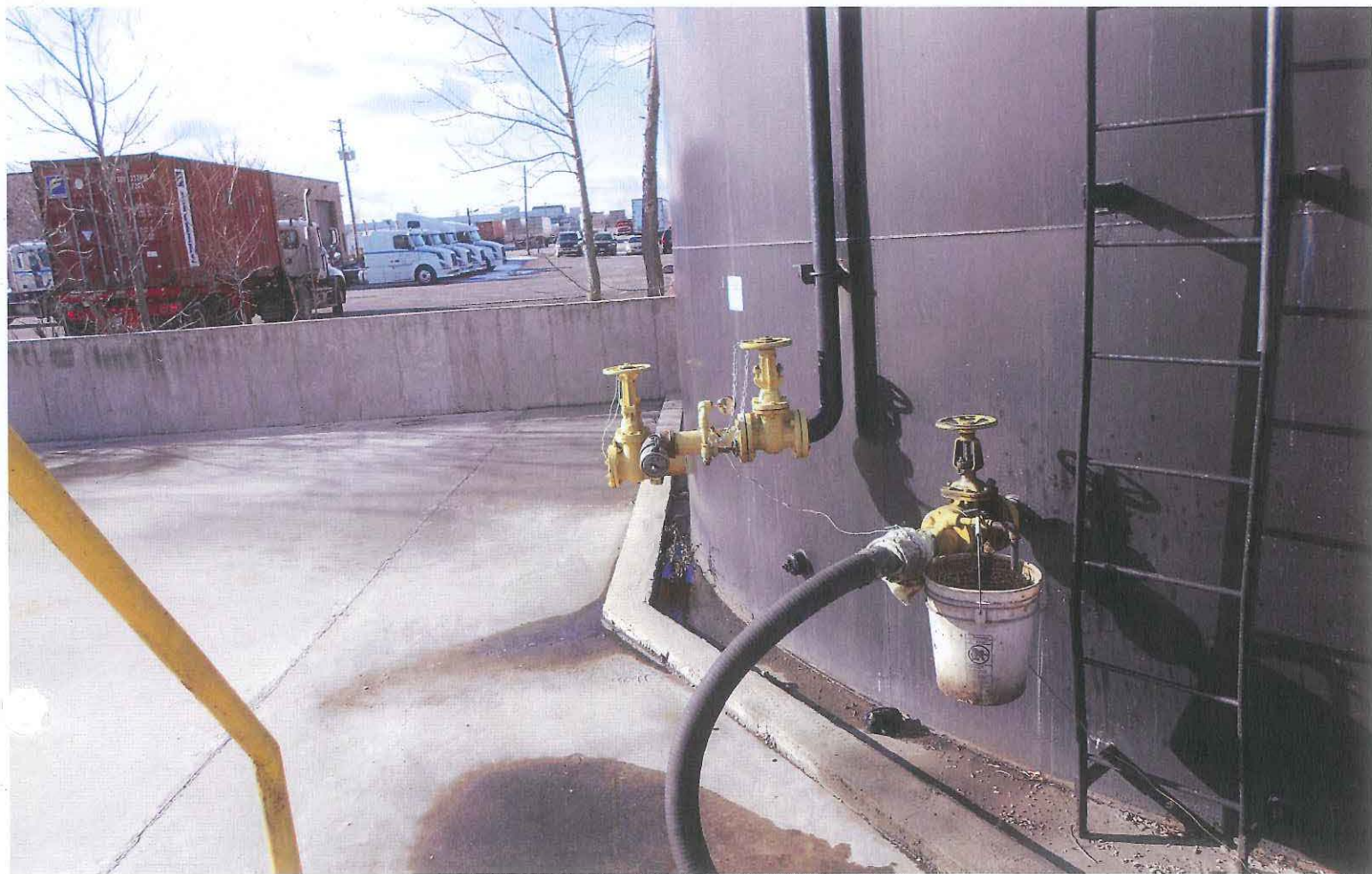
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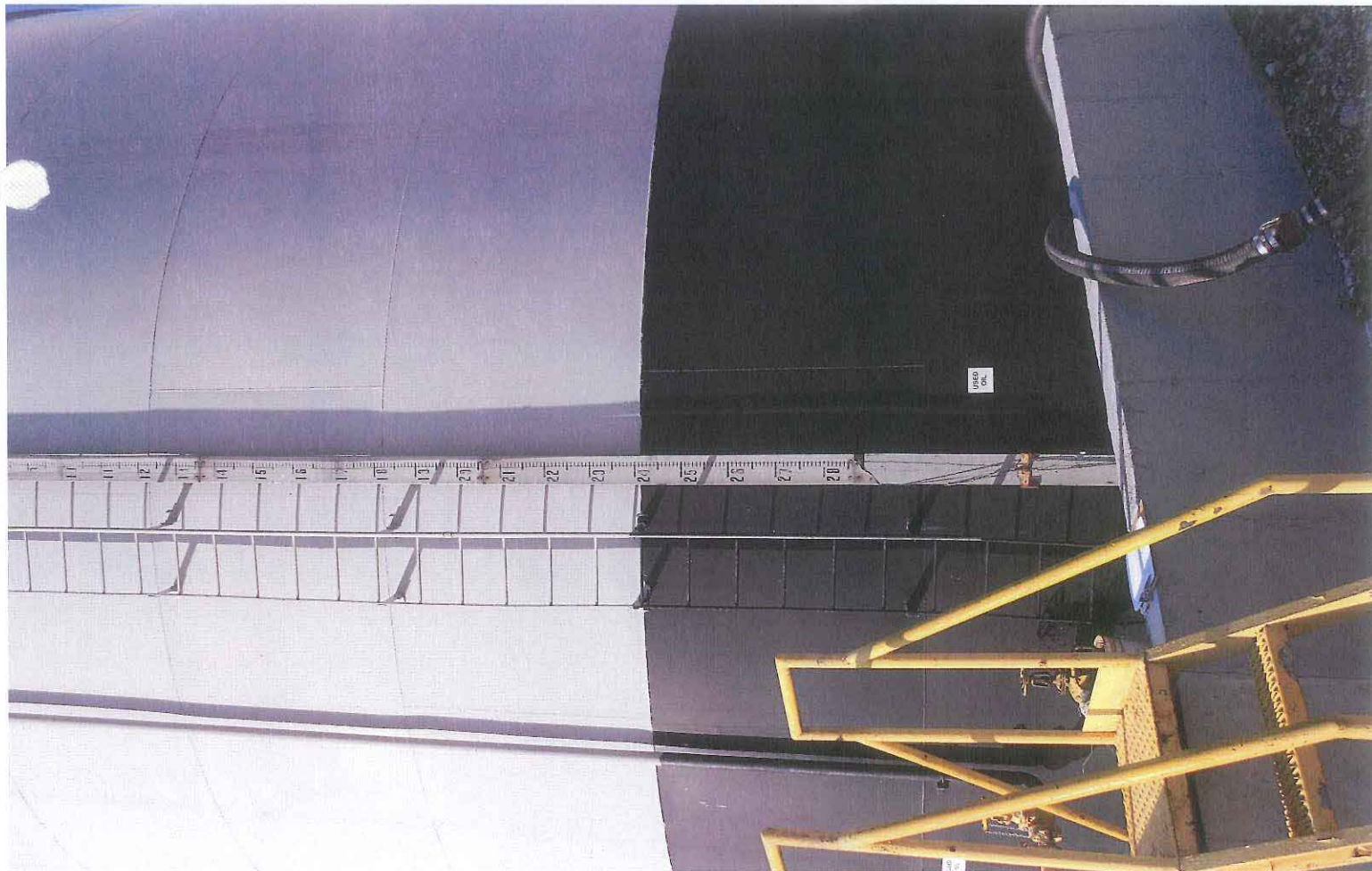
Ortek Photo 42 by Mike Beedle, 2011/12/09 14:21:54



Ortek Photo 43 by Mike Beedle,2011/12/09 14:21:59



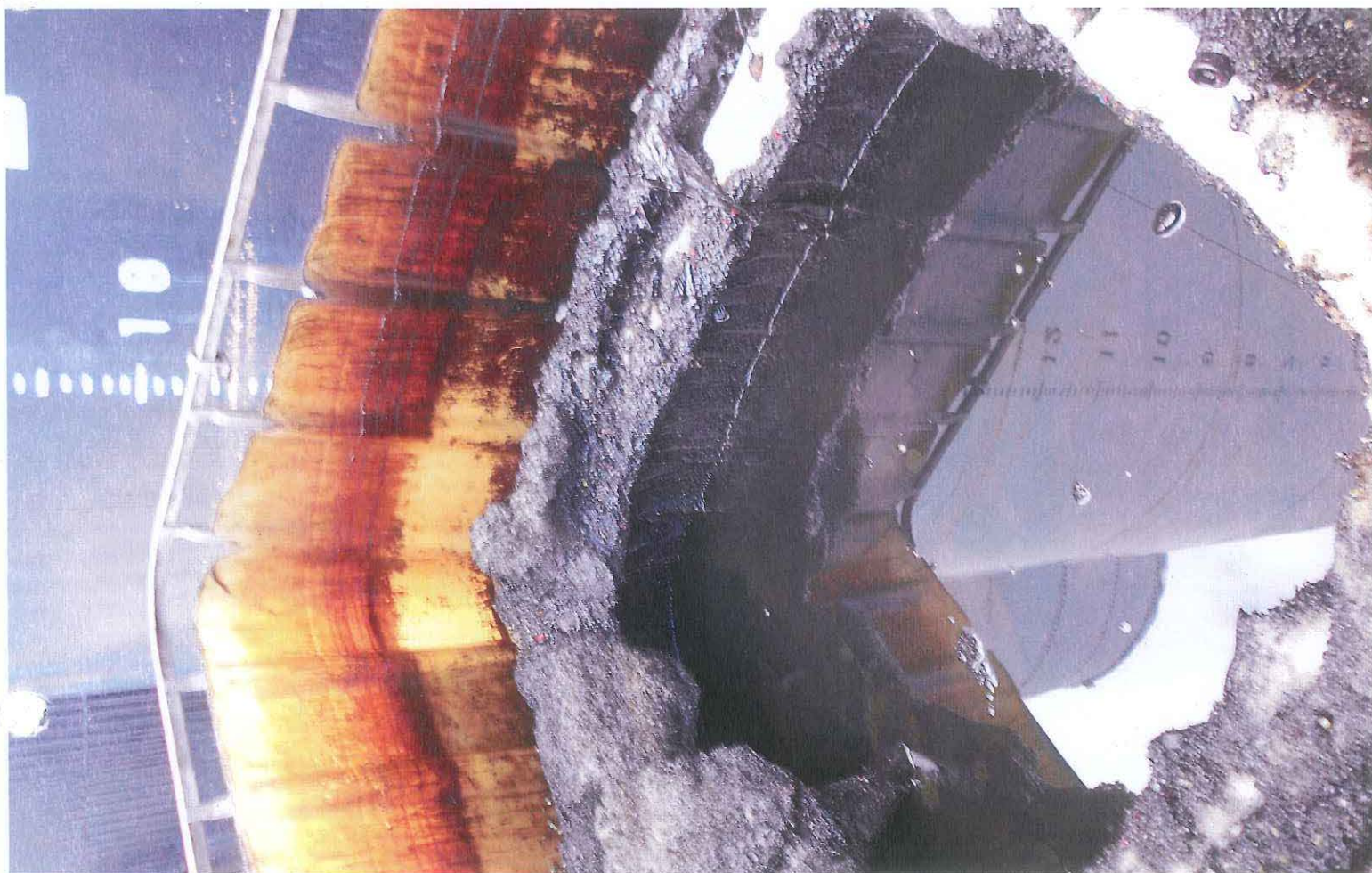
Ortek Photo 44 by Mike Beedle,2011/12/09 14:30:12



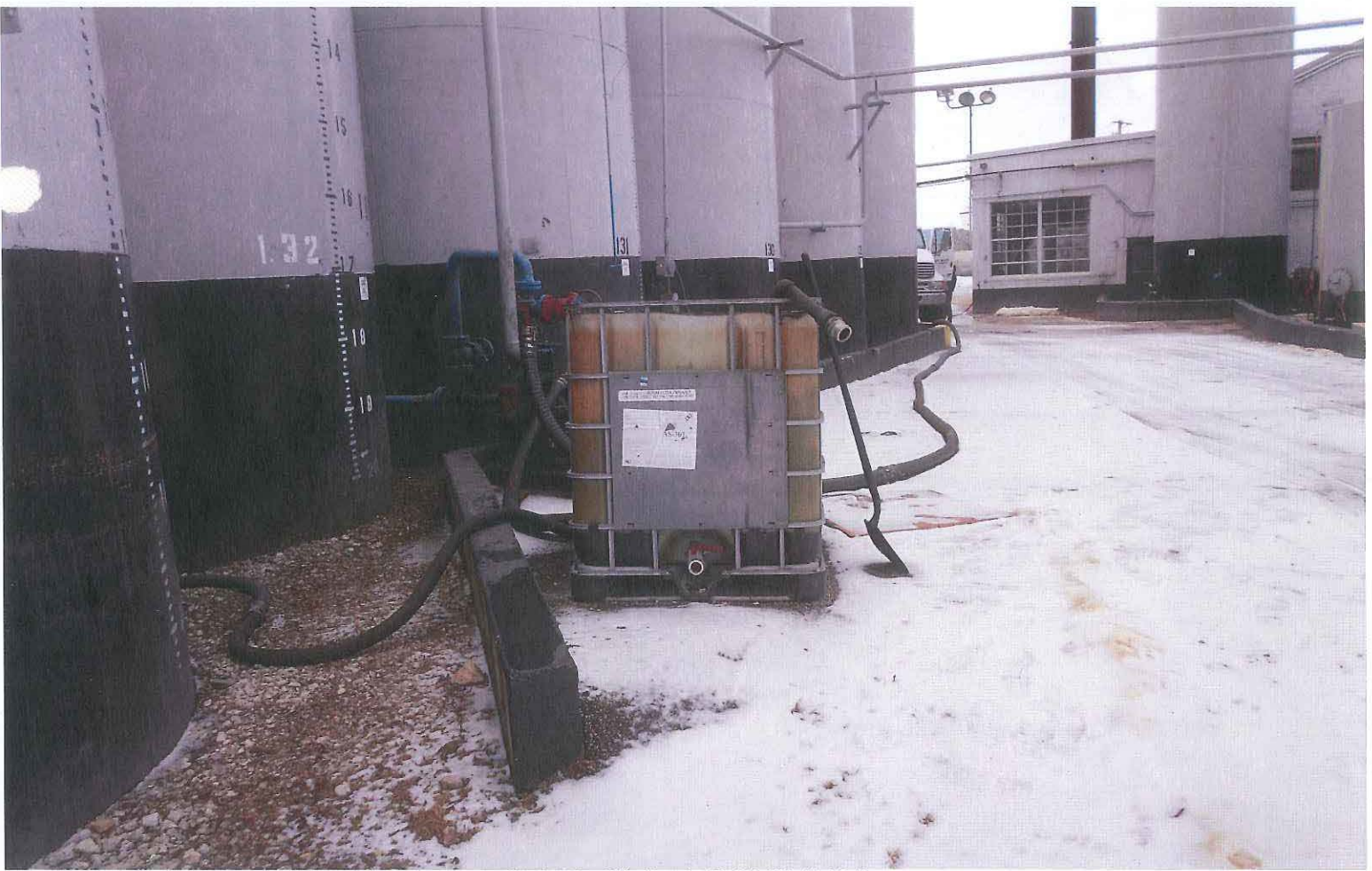
Ortek Photo 45 by Mike Beedle, 2011/12/09 14:30:27



Ortek 46 by Mike Beedle,2012/01/30 14:35:49



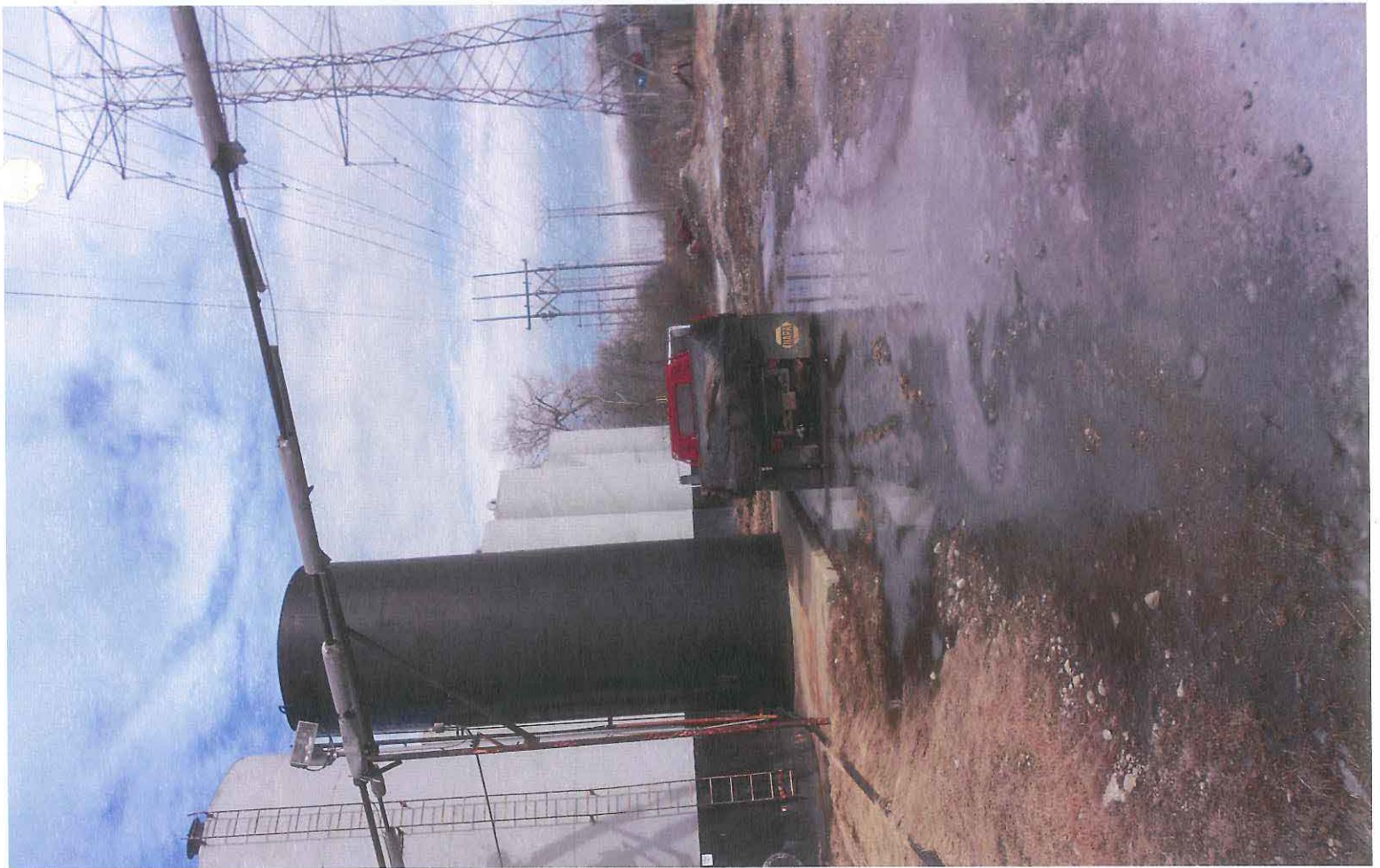
Ortek 47 by Mike Beedle,2012/01/30 14:35:59



Ortek 48 by Mike Beedle, 2012/01/30 14:36:18



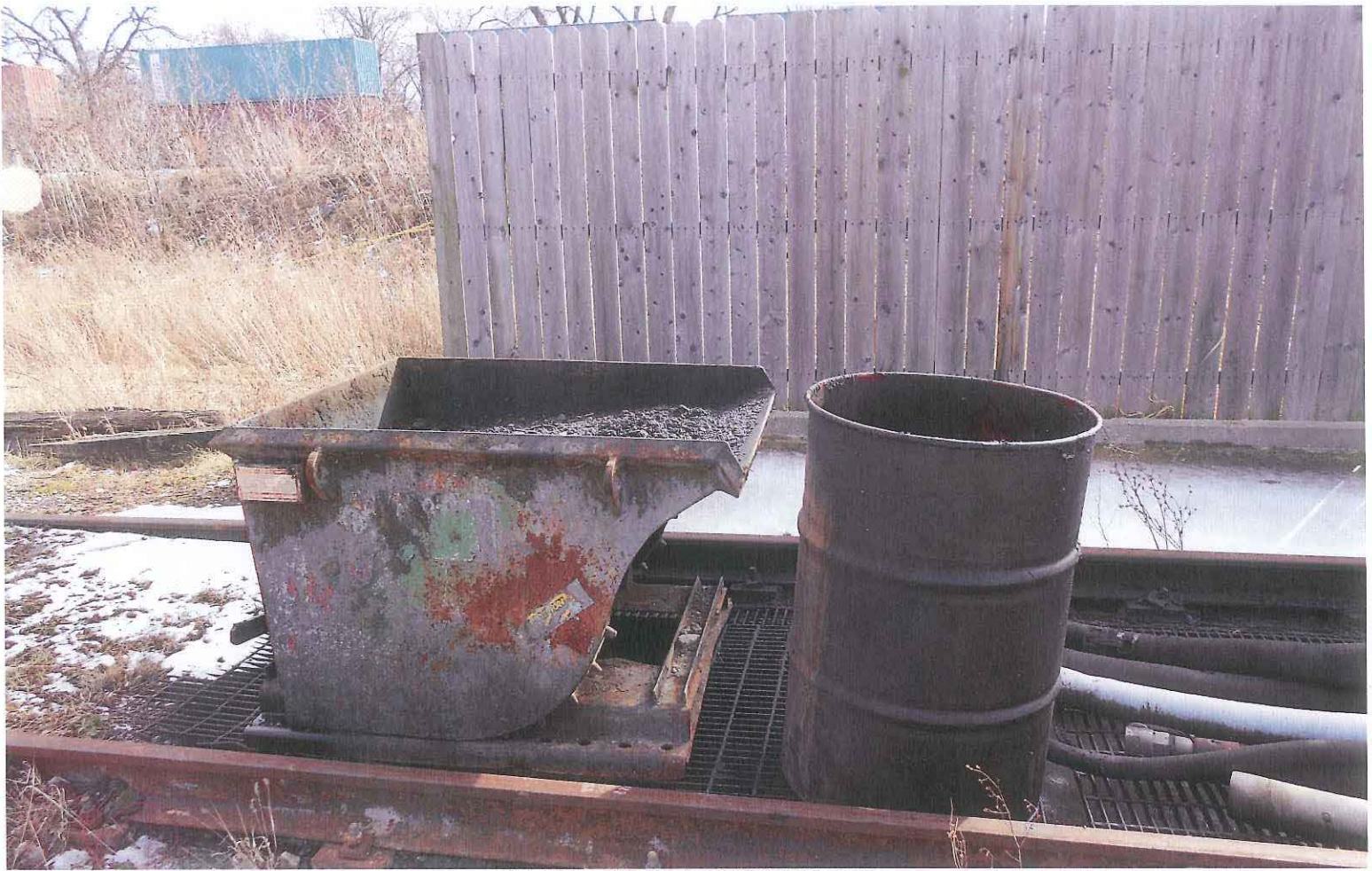
Ortek 49 by Mike Beedle, 2012/01/30 14:36:52



Ortek 50 by Mike Beedle, 2012/01/30 14:38:38



Ortek 51 by Mike Beedle, 2012/01/30 14:39:25



Ortek 52 by Mike Beedle, 2012/01/30 14:39:37



Ortek 53 by Mike Beedle, 2012/01/30 14:42:25



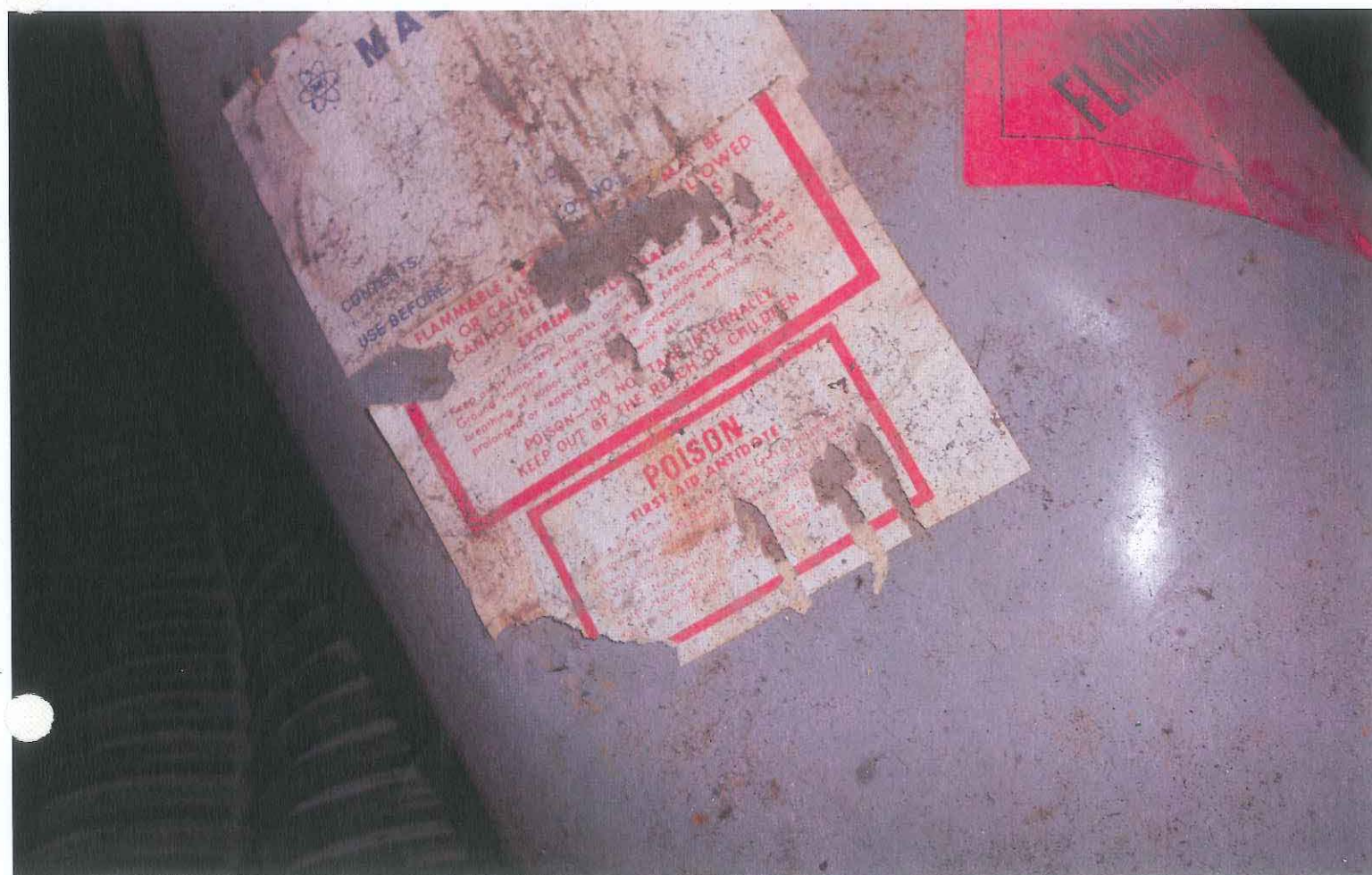
Ortek 54 by Mike Beedle, 2012/01/30 14:42:30



Ortek 55 by Mike Beedle, 2012/01/30 14:42:36



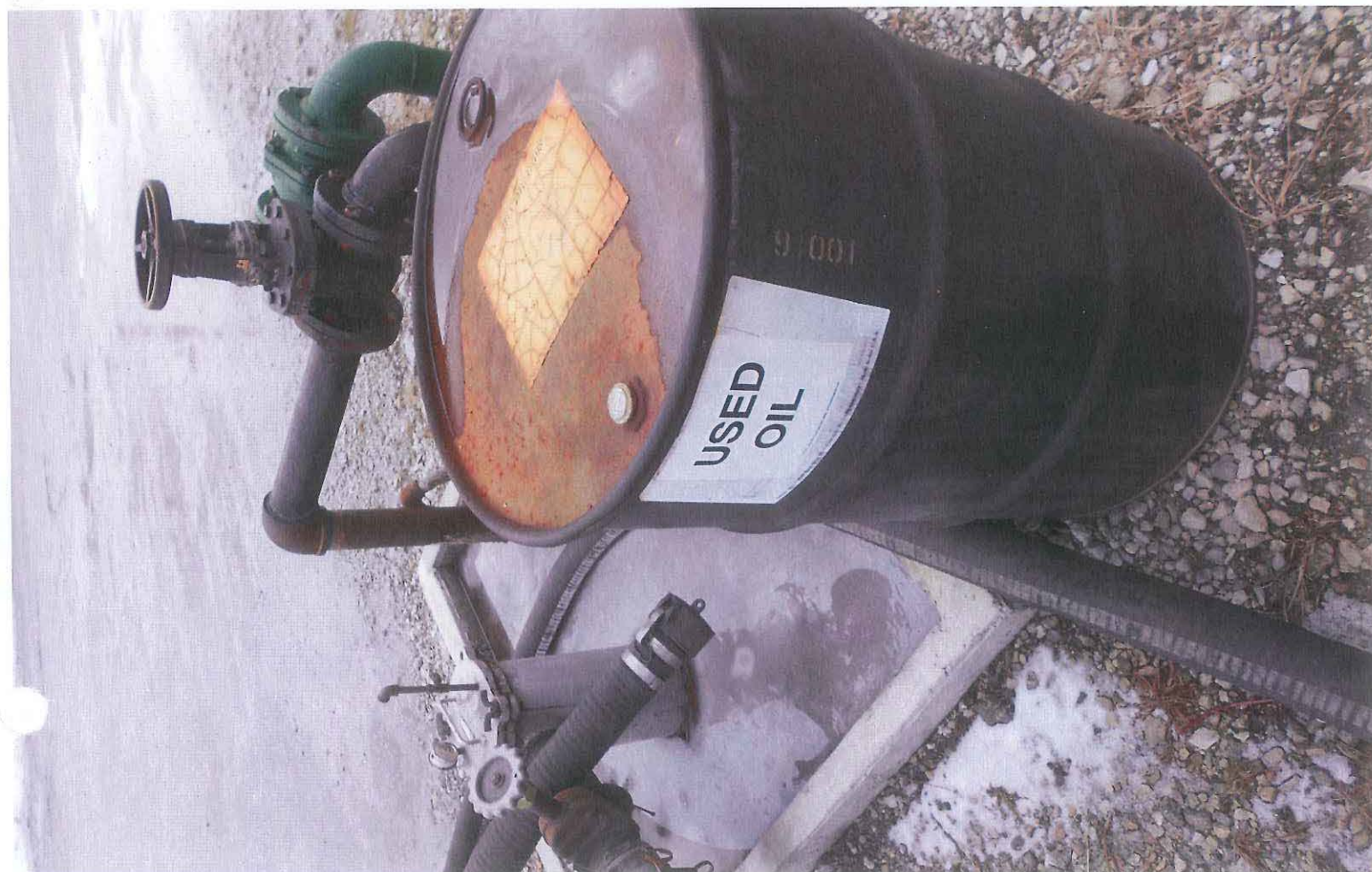
Ortek 56 by Mike Beedle,2012/01/30 14:45:14



Ortek 57 by Mike Beedle,2012/01/30 14:47:32



Ortek 58 by Mike Beedle,2012/01/30 14:47:48

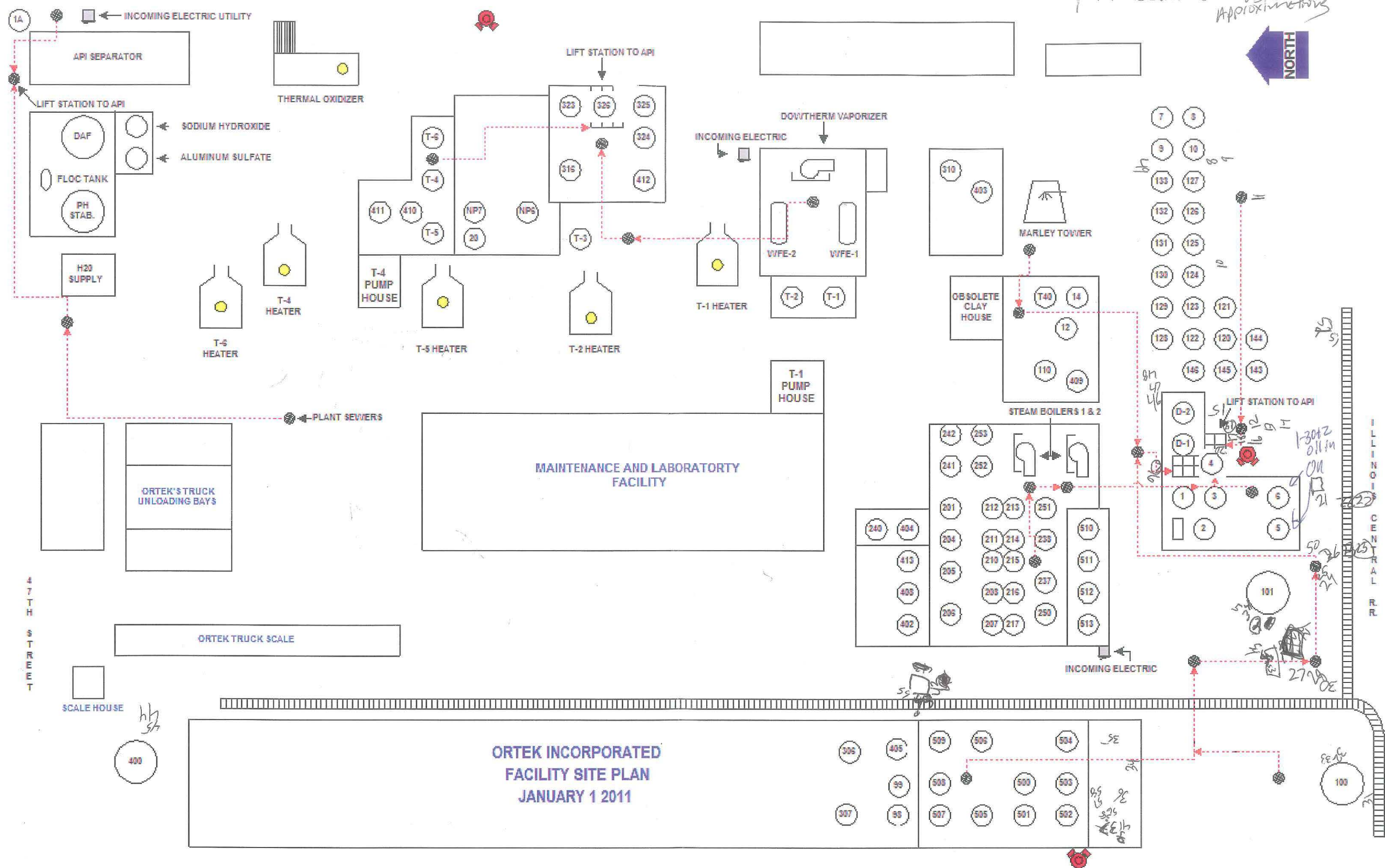


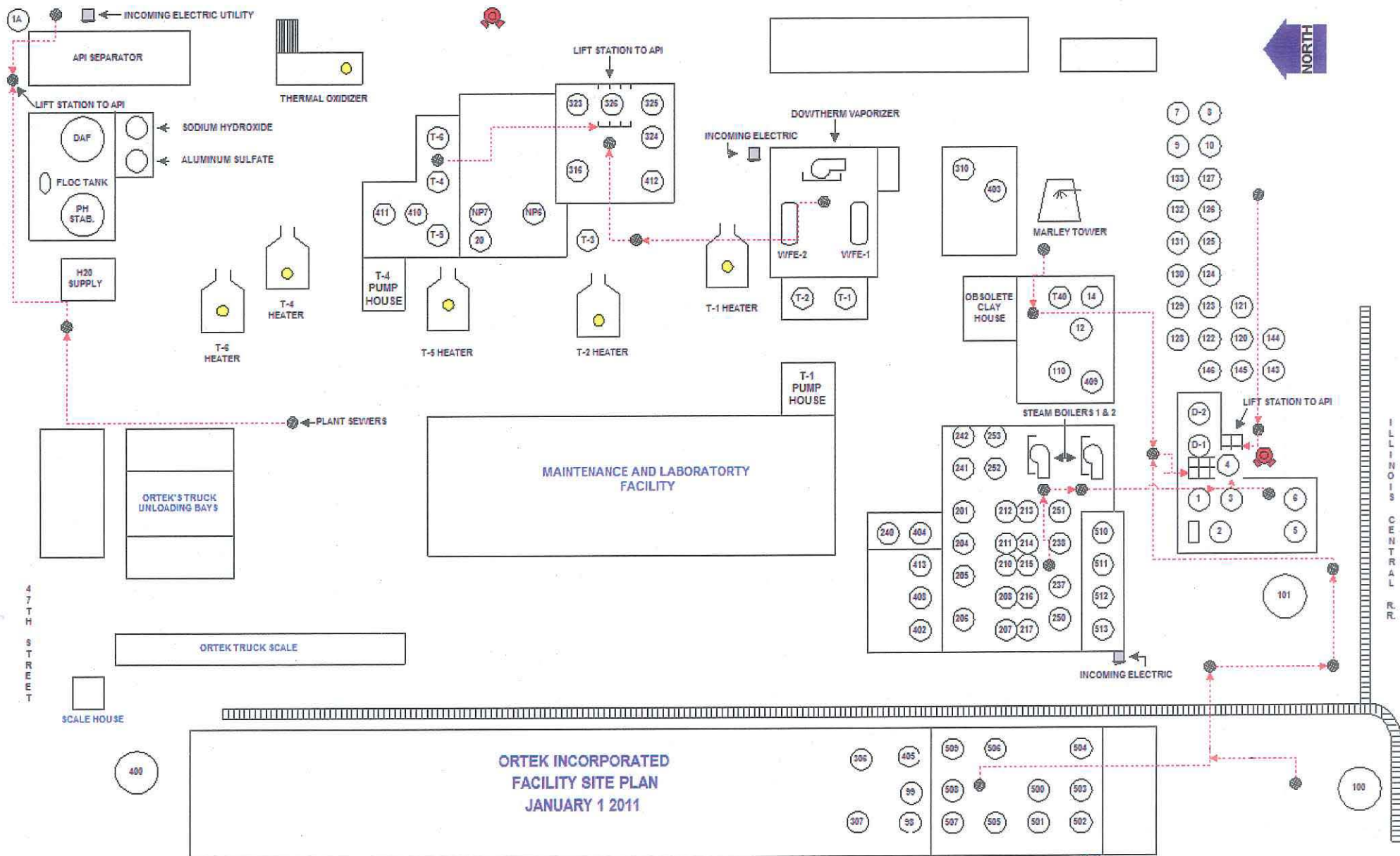
Ortek 59 by Mike Beedle,2012/01/30 14:50:02

ATTACHMENT B

Site Diagram

Photo locations MB Notes
Approximations





ATTACHMENT C

RS Hazardous Waste Shipments

R S USED OIL SERVICES OUTBOUND TANK #146 - #122 - #120	11/1/2011	
--	-----------	--

11/1/2011

[illegible]

Subject: Contact information
From: BILL KENNEDY (BILL@rsusedoil.com)
To: akalmar@r3environmental.net; taylorlw57@yahoo.com;
Date: Friday, October 28, 2011 11:40 AM

Good morning Alan/Laurie,

This e-mail is intended to provide contact information for all parties.

Alan Kalmar

R3 Environmental

Non-responsive (Cell)

Laurie Witter

Ortek

708-762-5119 (Office)

Alan, please reach out to Laurie and discuss a time for loading product.

The tanks R3 will be taking are:	T-120 with approximately 14,000 gallons
	T-122 with approximately 18,000
gallons	
	T-146 with approximately 19,000
gallons	

Laurie, I am working with operations in Monee and should be able to move tanks 132

and 500 within a few weeks.

Please do not hesitate to call me if there are any questions or concerns.

Have a good weekend, Bill



William J Kennedy | Director, Safety & Compliance

Universal Lubricants, LLC

708.534.9300 Phone ■ 708.935.6111 Mobile

708.534.9400 Fax ■ ■ ■

Universallubes.com | EcoUltraOil.com

601 WEST 47TH STREET
MCCOOK, ILLINOIS 60525
PHONE: (708) 762-5117
FAX: (708) 762-5118

ORTEK, INC.

Fax

To: Latishia

From: Laurie Witter

Co: Universal Scientific

Pages: (6) including cover page

Fax: 316-832-3777

Phone:

Date: Nov. 3, 2011

Re:

cc:

☒ **Urgent**

☐ **For Review**

☐ **Please Comment**

☐ **Please Reply**

☐ **Please Recycle**

Per our conversation 11/3/11.

This product is scheduled to be picked-up by R.S. Used Oil. Product did not meet specs.

Thank you, Laurie

confidential

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

DRIVER'S COPY

97035

Customer Busdal

Truck No. 81-07

Address _____

Rail Car No. _____

Carrier Wend

Unloaded _____

By _____

GROSS

TARE

NET

Gross Weight: 76320 lb
Tare Weight: 00 lb
Net Weight: 76320 lb

07 Nov 2011 07:28:48

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil _____ To Tank From 146

Gross Gals. _____ Ded. _____ Net Gals. 5,490

Driver's Signature _____

WEIGHER _____

SHIPPER _____

36020 lb
00 lb
36020 lb
07 Nov 2011 06:07:58

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number IL R000167879	2. Page 1 of 1	3. Emergency Response Phone (800) 431-8346	4. Manifest Tracking Number 001528724 GBF					
	5. Generator's Name and Mailing Address RS Used Oil Services Inc. 24903 S Ridgeland Avenue Mokena, IL 60449 Generator's Phone: (708) 534-9300 ATTN: William Kennedy		Generator's Site Address (if different than mailing address) 7601 W 47th Street McCook, IL 60625						
6. Transporter 1 Company Name Zion Environmental Services, Inc.				U.S. EPA ID Number ILR000107381					
7. Transporter 2 Company Name				U.S. EPA ID Number					
8. Designated Facility Name and Site Address Greencastle WDF Facility 3301 South County Road 150 W Greencastle, IN 46135 Facility's Phone: (800) 555-1885				U.S. EPA ID Number IND006419212					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
	X	1. RQ UN1992 Waste Flammable Liquids, Toxic, n.o.s. (6.1), PG II (RQ-001)(Petroleum Distillates, Tetrachloroethylene)	001	TT	5600	G	D001	D002	D039
		2.							
		3.							
		4.							
14. Special Handling Instructions and Additional Information FBI ERO# 131, Problem# LS 03385 WFO# 77758212 Job no. 110779									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offor's Printed/Typed Name			Signature			Month Day Year			
			on behalf of RS Used Oil Services						
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____						
	Transporter signature (for exports only): _____								
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name DUSTIN MCKAY		Signature [Signature]		Month Day Year 11 7 11				
Transporter 2 Printed/Typed Name		Signature		Month Day Year					
DESIGNATED FACILITY	18. Discrepancy								
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
	Manifest Reference Number: _____								
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number				
	Facility's Phone: _____								
18c. Signature of Alternate Facility (or Generator)						Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name				Signature		Month Day Year			

**Ziron Environmental Services, Inc.**

302 E 25th St.

Chicago Heights, IL 60411

708-757-9601

SERVICE CALL SHEET - MAINTENANCEDate: 11/7/11Ziron Job # 77786212Customer PO # Alan R-3**Customer Information**Name: OrtekStreet: 7601 W. 47th St.City/State: McCook, ILJob Description: Pull load of Oil Transport to GreenCastle, IN.

Station #

Generator #

Notify # Alan R-3

Shutdown - Yes / No

Reg / OT / Hol

Mileage Upon Arrival 478434

Employee Name(s)

Role

Driver / Laborer

Driver / Laborer

Driver / Laborer

Truck # R107Trailer # 8-01

Destination

Site

Dump

Shop

Other

Fills

Pumped

STPs

Pumped

Vapor Recoveries

Pumped

Dispenser Pans

Pumped

Regular Fill

Regular STP

Regular Vapor Recovery

Disp. 1/2

Midgrade Fill

Midgrade STP

Midgrade Vapor Recovery

Disp. 3/4

Premium Fill

Premium STP

Premium Vapor Recovery

Disp. 5/6

Diesel Fill

Diesel STP

Diesel Vapor Recovery

Disp. 7/8

Kerosene Fill

Kerosene STP

Kerosene Vapor Recovery

Disp. 9/10

Disp. 11/12

Disp. 13/14

Tank

Water Height

Gallons Pumped

Notes:

Regular

Midgrade

Premium

Diesel

Kerosene

Dewatered location

Yes / No

All Functions Normal

Yes / No

Veeder Root Print Out Attached

Yes / No

Veeder Root Q#

Gloves: _____

JOB CLEARANCE FORM

Safety Vest: _____

Safety Glasses: _____

Sign In: _____

Sign Out: _____

Hearing Protection: _____

Hard Hat: _____

Steel Toe Boots: _____

Contractor: OrtekJSA # 3Type of Material: Flammable Liquids

Dumped and turned in:

Yes / No

Left in unit for later disposal:

Yes / No

Transferred to:

Total Gallons: 5600Disposal Facility & Location: WDF GreenCastle, IN.

Manifest

Bill of Lading

Document # 1528724 GBFX Leobardo Ortega

Customer Signature: _____

Date: 11/7/11

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number IL 5700167428	2. Page 1 of 1	3. Emergency Response Phone (815) 451-8346	4. Manifest Tracking Number 001528685 GBF					
5. Generator's Name and Mailing Address RS Used Oil Services, Inc. 25907 S. Ridgeland Avenue Morton, IL 60440 Generator's Phone: (708) 534-9300 ATTN: William Kennedy				Generator's Site Address (if different than mailing address) 7001 W. 47th Street Morton, IL 60440						
6. Transporter 1 Company Name Zaron Environmental Services, Inc.				U.S. EPA ID Number IL R000107581						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address Greenfield WLF Facility 3301 South County Road 130 W Greenfield, IN 46135 Facility's Phone: (317) 444-3424				U.S. EPA ID Number IN D000119212						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		1. RC UN1992, Waste Flammable Liquids (Toxic, n.o.s., 316.1), PG II (RC-D001) Petroleum Distillates, Tetrahydrostylenes		No.	Type					
				001	RT	5500	g			
14. Special Handling Instructions and Additional Information DOT EX-101 B1, Problem LS 03385 W07 77786165 Job No. 110766										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offeror's Printed/Typed Name				Signature		Month		Day Year		
				on behalf of RS Used Oil Services						
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:									
	Transporter signature (for exports only):									
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials									
	Transporter 1 Printed/Typed Name Hank McKay				Signature		Month		Day Year	
TRANSPORTER	Transporter 2 Printed/Typed Name				Signature		Month		Day Year	
DESIGNATED FACILITY	18. Discrepancy									
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
	Manifest Reference Number:									
	18b. Alternate Facility (or Generator)				U.S. EPA ID Number					
	Facility's Phone:									
DESIGNATED FACILITY	18c. Signature of Alternate Facility (or Generator)				Month		Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a										
Printed/Typed Name				Signature		Month		Day Year		



RS Used Oil Services, Inc
25903 S. Ridgeland Avenue
Monee IL 60449

708 534 9300

Account Statement

Page: 1 of 1

Billing Address: 28036-000

ORTEK OIL CO
7604 W 47TH ST
MCCOOK IL 60525
US

Document Information

Statement Date: 07/07/2011
Acct Statement Period: 06/01/2011 - 06/30/2011

Invoice Number Text/Reference	Doc Type	Document Date	Arrears On 06/30/2011	Amount
Open items on 06/30/2011:				
0010330093	01	02/14/2011	126	11,179.35
0010336581	01	03/07/2011	105	802.90
0010342589	01	03/25/2011	87	1,239.00
0010345386	01	04/05/2011	86	1,650.00
0010350633	01	04/14/2011	77	6,546.90 ✓
0010353792	01	05/02/2011	59	4,154.27 ✓
0010356082	01	05/06/2011	55	514.03 ✓
0010360122	01	05/09/2011	42	4,001.40 ✓
0010360123	01	05/17/2011	34	3,180.60 ✓
0010362300	01	05/27/2011	24	1,245.60
Balance on 06/30/2011.....				34,514.05
<p><i>sent back or offsite on manifests per Laurie letter MB 12/14/11</i></p> <p><i>Taken off \$15,397.30</i></p> <p><i>Due</i></p>				

Document Type: 01 = Invoice; 03 = Finance Charge; 06 = Partial Payment; 11 = Credit Memo; 15 = Payment

CURRENT	OVERDUE 1 - 30	OVERDUE 31 - 60	OVERDUE 61 - 90	OVERDUE 91 +	ACCT BALANCE
0.00	1,245.60	11,850.30	9,435.90	11,982.25	\$ 34,514.05

ATTACHMENT D

**RS Used Oil
4/14/11 Shipment Information**

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

95306

Customer RS USED OIL

Address MONROE IL

Carrier RS

Truck No. 969/T590

Rail Car No. _____

Unloaded
By _____

1st Load

Gross Weight: 77500 lb
Tare Weight: 00 lb
Net Weight: 77500 lb

77500 GROSS

29640 TARE

47860 NET

Gross Weight: 77500 lb

Tare Weight: 00 lb

Net Weight: 77500 lb

14 Apr 2011 14:19:19

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil _____

To Tank 500

Gross
Gals. 6556.6381

Ded. _____

Net
Gals. _____

WEIGHER _____

SHIPPER _____

Driver's
Signature [Signature]



RS Used Oil Services, Inc
25903 S. Ridgeland Avenue
Monee IL 60449
708 534 9300

INTERNAL USE ONLY: 633-546-1-1

Page: 1 of 1

Invoice

Information

Invoice Number: 10350633
Document Date: 04/14/2011
Delivery Note: 500360926
Order number: 100369199
Purchase Order No: 55112
Purchase Order Date: 04/14/2011
Payment Terms: CASH UPON
DELIVERY
Billing Date: 04/14/2011
Invoice Amount: 6,546.90 USD

*** PLEASE RETURN ONE COPY OF INVOICE WITH PAYMENT ***

Billing Address: 28036-000 (Acct No)

ORTEK OIL CO
7604 W 47TH ST
MCCOOK IL 60525

Remit Payment To

RS Used Oil Services, Inc
PO Box 2920
Wichita, KS 67201-2920

Ship-to: 28036-000

ORTEK OIL CO
7604 W 47TH ST
MCCOOK IL 60525
7087625117

Shipping Instructions:

Material Description	Order Qty	Invoice Qty	Unit Price	Amount
10000005748 RS USED OIL Cust. Material No.: WO# 55112	6,381 GAL	6,381 GAL	0.95	6,061.95
			Tax	484.95
			Total	\$ 6,546.90

4/14/11

RS Used Oil Services, Inc.

SERVICE ORDER

No. 55112

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
US DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, IL 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 04/14/2011

Manifest #

Route #

Generator/Customer/Job Site:

Name:

ORTEK OIL CO.

Address:

7801 W 47TH STREET

City, State, Zip:

MC COOK

IL 60525

Phone Number:

708-782-5117

Contractor:

Name:

ORTEK OIL CO.

Address:

7801 W 47TH STREET

City, State, Zip:

MC COOK

IL 60525

Phone Number:

708-782-5117

Purchase Order Number:

Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
2301 65556 GAL	On-Spec Used Oil Delivered	9.5	\$6,061.95	77500	29640	47860

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1 - 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C.
Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-238-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name

Customer Signature

Date

Arrival Time:

Begin Loading:

End Loading:

Depart Time:

Remarks:

TANKER

Next Service Date: Oil

Filter

Driver Name

D. Glander

Driver Signature

Office Use Only

Payment Received From Customer Yes No (To Be Invoiced)

Amount

\$6,061.95

Check

Cash

Office Use Only

Amount

Check

Cash

Credit Card

DRIVER

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 2010300031	2. Page 1 of 1	3. Emergency Response Phone 708 534 9300	4. Manifest Tracking Number 008131901 JJK
5. Generator's Name and Mailing Address ROCKFORD PRODUCTS 707 HARRISON AVE ROCKFORD IL 61109			Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name Rockford Off Services Inc			U.S. EPA ID Number IL R0002103124		
7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address 7081 W 47th St MCCook, IL 60056			U.S. EPA ID Number IL 11740002		
Facility's Phone: 708 702-5117					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WL/Vol.
13. Waste Codes					
14. Special Handling Instructions and Additional Information TICKET W08 5511 TRANSPORTER# UPW0758155-IL IL ID# 1970685028					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Officer's Printed/Typed Name Dan Burke gm		Signature Dan Burke gm		Month Day Year 14 14 2011	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Dave Giesse		Signature Dave Giesse		Month Day Year 04 14 11	
Transporter 2 Printed/Typed Name		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1		2		3	
20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a					
Printed/Typed Name Robert Kolacz		Signature Robert Kolacz		Month Day Year 14 14 11	

RS Used Oil Services, Inc.

SERVICE ORDER

No. 55112

25903 South Ridgeland Ave.
 Monee, Illinois 60449
 (708) 534-9300 Fax: (708) 534-9400
 EPA ID # ILR000103184
 US DOT # 758189

Location Performing Service
 25903 S. Ridgeland Ave.
 Monee, IL 60449
 (708) 534-9300
 EPA ID # ILR000103184

Date: 04/14/2011
 Manifest #
 Route #

Generator/Customer/Job Site:
 Name:

ORTEK OIL CO.

Address:

7801 W 47TH STREET

City, State, Zip:

MC COOK

IL 60525

Phone Number:

708-702-5117

Contractor:
 Name:

ORTEK OIL CO.

Address:

7801 W 47TH STREET

City, State, Zip:

MC COOK

IL 60525

Phone Number:

708-702-5117

Purchase Order Number:

Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters					
	Drum(s): Non-Hazardous Solids/Liquids					
381	6556 GAL On-Spec Used Oil Delivered			77500	29640	47860

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1 - 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C. Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-612-239-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name

L. Ditter

Customer Signature

[Signature]

Date

4/14/11

Arrival Time:

Begin Loading:

End Loading:

Depart Time:

Remarks:

TANKER

Next Service Date: Oil

Filter

Driver Name

D Glaeser

Driver Signature

[Signature]

Office Use Only

Payment Received From Customer Yes No (To Be Invoiced)

Amount

Check

Cash

Office Use Only

Amount

Check

Cash

Credit Card

CUSTOMER

*Leadin
4/14/11*
RS**USED OIL SERVICES, INC.****FACSIMILE TRANSMITTAL SHEET**

TO: LAURIE FROM: DAN
FAX NUMBER: 762-5118 DATE: 4/14/11
COMPANY: TOTAL NO. OF PAGES INCLUDING
COVER: 4
PHONE NUMBER: SENDER'S REFERENCE NUMBER:
RE: YOUR REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

REBUTTAL FOR MATERIAL COMING INTHIS AFTERNOON.

25903 S. RIDGELAND AVE. • MONEE, IL. 60449
PHONE: 708-534-9300 • FAX: 708-534-9400

HP LaserJet M2727nf MFP

Fax Confirmation Report

HP LASERJET FAX
17087625118
Apr-13-2011 1:45PM

Job	Date	Time	Type	Identification	Duration	Pages	Result
195	4/13/2011	1:44:56PM	Receive	17085349400	0:55	4	OK

04/14/2011 THU 14:50 FAX 17085349400 RS Used Oil

001/004

RS

USED OIL SERVICES, INC.

FACSIMILE TRANSMITTAL SHEET

TO: LAURIE	FROM: DAN
FAX NUMBER: 762-5118	DATE: 4/14/11
COMPANY:	TOTAL NO. OF PAGES INCLUDING COVER: 4
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS

REBUTTAL FOR MATERIAL COMING IN

THIS AFTERNOON.

25903 S. RIDGELAND AVE. • MONEE, IL. 60449
PHONE: 708-534-9300 • FAX: 708-534-9400

From:

03/31/2011 17:20

#254 P.006/008

**SUMMIT**
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories*For tank 500
material*

Page 4

March 31, 2011

Client: RS Used Oil Service, Inc.
Address: 25903 S. Ridgeland
Monee, IL 60449Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Matrix: Liquid

<u>Parameter</u>	<u>Method</u>	<u>Results</u>	<u>Date of Analysis</u>
% Water	D6304	2.41%	03/31/2011
API	D4052	24.0	03/31/2011
Arsenic	6010	<1.0ppm	03/30/2011
Ash	D482-02	0.55%	03/31/2011
BTU/gal	D-240-09	136381/gal	03/31/2011
BTU/lb	D-240-09	17997/lb	03/31/2011
Cadmium	6010	0.29ppm	03/30/2011
Chromium	6010	<4.0ppm	03/30/2011
Flash Point	1010	>200°F	03/30/2011
Lead	6010	4.6ppm	03/30/2011
PCB	8082	<1.0ppm	03/30/2011
Sulfur, Wt%	D-4294	0.8847%	03/31/2011
Total Halogen, PPM	9075	6824ppm	03/31/2011
Viscosity SUS@100F	D-445	369	03/31/2011

"Analytical Integrity" • EPA Certified • NELAP Certified
3310 Win Street • Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 • Fax: 330-253-4489
Web Site: www.settek.com

From:

03/31/2011 17:21

#254 P.007/008



March 31, 2011

Page 5

Client: RS Used Oil Service, Inc.
Address: 25903 S.Ridgeland
Monee, IL 60449

Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Analysis: Chlorinated VOC
Method: 8260
Matrix: Liquid
Date of Analysis: 03/30/2011
Analyst: MS

Chlorinated VOC

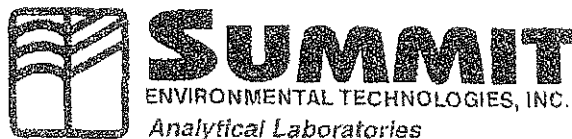
<u>Parameter</u>	<u>Reporting Limit (ppm)</u>	<u>Results (ppm)</u>
1,1,1,2-Tetrachloroethane	5.0	BRL
1,1,1-Trichloroethane	5.0	BRL
1,1,2,2-Tetrachloroethane	5.0	BRL
1,1,2-Trichloroethane	5.0	BRL
1,1-Dichloroethane	5.0	BRL
1,1-Dichloroethene	5.0	BRL
1,1-Dichloropropene	5.0	BRL
1,2,3-Trichlorobenzene	5.0	BRL
1,2,3-Trichloropropane	5.0	BRL
1,2,4-Trichlorobenzene	5.0	BRL
1,2-Dibromo-3-chloropropane	5.0	BRL
1,2-Dichlorobenzene	5.0	BRL
1,2-Dichloroethane	5.0	BRL
1,2-Dichloropropane	5.0	BRL
1,3-Dichlorobenzene	5.0	BRL
1,3-Dichloropropane	5.0	BRL
1,4-Dichlorobenzene	5.0	BRL
2,2-Dichloropropane	5.0	BRL
2-Chlorotoluene	5.0	BRL
4-Chlorotoluene	5.0	BRL
Bromochloromethane	5.0	BRL
Bromodichloromethane	5.0	BRL

"Analytical Integrity" • EPA Certified • NELAP Certified
3310 Win Street • Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 • Fax: 330-253-4489
Web Site: www.seltek.com

From:

03/31/2011 17:21

#254 P.008/008



March 31, 2011

Page 6

Client: RS Used Oil Service, Inc.
Address: 25903 S. Ridgeland
Monee, IL 60449

Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Analysis: Chlorinated VOC
Method: 8260
Matrix: Liquid
Date of Analysis: 03/30/2011
Analyst: MS

Chlorinated VOC

<u>Parameter</u>	<u>Reporting Limit (ppm)</u>	<u>Results (ppm)</u>
Carbon Tetrachloride	5.0	BRL
Chlorobenzene	5.0	BRL
Chloroethane	5.0	BRL
Chloroform	5.0	BRL
Chloromethane	5.0	BRL
cis-1,2-Dichloroethene	5.0	BRL
Dibromochloromethane	5.0	BRL
Dichlorodifluoromethane	5.0	BRL
Hexachlorobutadiene	5.0	BRL
Methylene Chloride	5.0	BRL
Tetrachloroethene	5.0	BRL
trans-1,2-Dichloroethene	5.0	BRL
Trichloroethene	5.0	BRL
Trichlorofluoromethane	5.0	BRL
Vinyl Chloride	5.0	BRL
Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	5.0	BRL

"Analytical Integrity" • EPA Certified • NELAP Certified
3310 Win Street • Cuyahoga Falls, Ohio 44223 • Phone: 330-253-8211 • Fax: 330-253-4489
Web Site: www.settek.com

ATTACHMENT E

Orteck's Notification

RCRA Site Detail

Report run on: December 16, 2011 - 5:51 PM

Page 3

ORTEK INC

ILD000646786

PA Region: 05 Extract: Y County: COOK

State District:

Universes	Federal Generator: N	Transporter: N	Operating TSDF: —	Active: Y
	State Generator:	Importer: N	Commercial: N	EI Indicator (HE / GW): N / N
	Short Term Generator: N	Mixed Waste Generator: N	HSM: N	IC In Place: N
	Subpart K/College: N	Subpart K/Hospital: N	Subpart K/Non-profit: N	Subpart K/Withdrawal: N

Latitude/Longitude Measure - Owner: Seq #:

Coordinates:

Receive Date: 06/06/2007

Source Type: Implementer

Seq. Number: 1

Location 7601 W 47TH ST
Address: MC COOK, IL 60525

Mailing 7601 W 47TH ST
Address: MCCOOK, IL 60525
UNITED STATES

Contact Person LOWELL D. AUGHENBAUGH 7601 W 47TH ST
For Source (708) 762-5117 MCCOOK, IL 60525
Information UNITED STATES

Owner (current) 7601 W 47TH ST Type: Private
NAWRC MCCOOK, IL 60525
From: 10/01/2003 To: MCCOOK Phone: (412) 856-6100

Operator (current) 7601 W 47TH ST Type: Private
ORTEK INC MCCOOK, IL 60525
From: 12/15/1996 To: MCCOOK Phone: (708) 762-5117

Land Type: Private Non Notifier: No TSD Date: Accessibility:

NAICS Codes: 562219 OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

Regulated Waste Activities

Hazardous Waste Generator Status - Federal: Not a Generator; State:

Other Hazardous Waste Generator Activities

Short Term Generator:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
TSD Activity:	Yes
Recycler Activity:	No

Exempt Boiler and/or Industrial Furnace

Small Quantity Onsite Burner Exemption:	No
Smelting, Melting, Refining Furnace Exemption:	No

Underground Injection Control:	No
Destination Facility for Universal Waste:	No

Used Oil Activities

Used Oil Transporter Activity	Off-Specification Used Oil Burner:	No
Transporter:	No	
Transfer Facility:	No	
Used Oil Processor and/or Re-refiner Activity	Used Oil Fuel Marketer Activity	
Processor:	Marketer who directs shipment off-specification used oil to off-specification used oil burner:	Yes
Refiner:	Marketer who first claims the used oil meets the specifications:	Yes
Subpart K		
College/University:	No	Non-profit Research Institute: No
Teaching Hospital:	No	Withdrawal: No

RCRA Site Detail

Report run on: December 16, 2011 - 5:51 PM

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Receive Date: 01/26/2004	Source Type: Notification	Seq. Number: 2
Location 7601 W 47TH ST Address: MC COOK, IL 60525		Mailing 7601 W 47TH ST Address: MCCOOK, IL 60525 UNITED STATES

Contact Person LOWELL D. AUGHENBAUGH 7601 W 47TH ST
For Source (708) 762-5117 MCCOOK, IL 60525
Information UNITED STATES

Owner (current) 7601 W 47TH ST **Type:** Private
 NAWRC MCCOOK, IL 60525 **Phone:** (412) 856-6100
From: 10/01/2003 **To:** MCCOOK

Operator (current) 7601 W 47TH ST **Type:** Private
 ORTEK INC MCCOOK, IL 60525 **Phone:** (708) 762-5117
From: 12/15/1996 **To:** MCCOOK

Land Type: Private **Non Notifier:** No **TSD Date:** **Accessibility:**

NAICS Codes: 562219 OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

Regulated Waste Activities

Hazardous Waste Generator Status - Federal: Small Quantity Generator; **State:** IL-2 Small Quantity Generator

Other Hazardous Waste Generator Activities

Short Term Generator:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
TSD Activity:	Yes
Recycler Activity:	No
Exempt Boiler and/or Industrial Furnace	
Small Quantity Onsite Burner Exemption:	No
Smelting, Melting, Refining Furnace Exemption:	No
Underground Injection Control:	No
Destination Facility for Universal Waste:	No

Used Oil Activities

Used Oil Transporter Activity	Off-Specification Used Oil Burner:	No
Transporter:	No	
Transfer Facility:	No	
Used Oil Processor and/or Re-refiner Activity	Used Oil Fuel Marketer Activity	
	Marketer who directs shipment off-specification used oil to off-specification used oil burner:	Yes
Processor:	No	
Refiner:	Yes	
	Marketer who first claims the used oil meets the specifications:	Yes
Subpart K		
College/University:	No	Non-profit Research Institute:
Teaching Hospital:	No	Withdrawal:
		No

Description of Hazardous Wastes (as reported on Site Identification Form)

EPA Waste Codes: D002 D008 K048 K049 K050 K051 K052

RCRA Site Detail

Report run on: December 16, 2011 - 5:51 PM

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Receive Date: 07/30/1997 Source Type: Notification Seq. Number: 1

Other/Previous Site Name: ORTEK INCOPORATED

Location 7601 W 47TH ST
Address: MC COOK, IL 60525

Mailing 7601 W 47TH ST
Address: MCCOOK, IL 60525

Contact Person FRANK LAPPIN 7601 W 47TH ST
For Source (708) 442-6000 MCCOOK, IL 60525
Information UNITED STATES

Owner (current) 7601 W 47TH ST Type: Private
ORTEK INC MCCOOK, IL 60525
From: To: Phone: (412) 856-6100

Land Type: Private Non Notifier: No TSD Date: Accessibility:

Regulated Waste Activities

Hazardous Waste Generator Status - Federal: Small Quantity Generator; State:

Other Hazardous Waste Generator Activities

Short Term Generator: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
TSD Activity: Yes
Recycler Activity: No

Exempt Boiler and/or Industrial Furnace

Small Quantity Onsite Burner Exemption: No
Smelting, Melting, Refining Furnace
Exemption: No

Underground Injection Control: No
Destination Facility for Universal Waste: No

Used Oil Activities

Used Oil Transporter Activity Off-Specification Used Oil Burner: No
Transporter: No
Transfer Facility: No
Used Oil Fuel Marketer Activity
Marketer who directs shipment
off-specification used oil to
off-specification used oil burner: Yes
Processor: No
Refiner: Yes
Marketer who first claims the used
oil meets the specifications: Yes

Subpart K

College/University: No Non-profit Research Institute: No
Teaching Hospital: No Withdrawal: No

Description of Hazardous Wastes (as reported on Site Identification Form)

EPA Waste Codes: D002 D008 K048 K049 K050 K051 K052

RCRA Site Detail

Report run on: December 16, 2011 - 5:51 PM

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Receive Date: 11/18/1980	Source Type: Part A	Seq. Number: 1
--------------------------	---------------------	----------------

Other/Previous Site Name: ORTEK INCORPORATED

Location 7601 W 47TH ST Address: MC COOK, IL 60525	Mailing 7601 W 47TH ST Address: MCCOOK, IL 60525
---	---

Contact Person BRIAN MCEWAN 7601 WEST 47TH ST
For Source (312) 442-6166 MCCOOK, IL 60525
Information UNITED STATES

Operator (current) MORECO ENERGY INCORP 7601 WEST 47TH ST Type: Private
 From: CITY NOT REPORTED, IL 99998 Phone: (312) 242-2252
 To:

Land Type: Private Non Notifier: No TSD Date: Accessibility:

NAICS Codes: 324191 PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING

Regulated Waste Activities

Hazardous Waste Generator Status - Federal: Not a Generator; State: HQ-N Not a Generator

Other Hazardous Waste Generator Activities

Short Term Generator: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility: No
 TSD Activity: Yes
 Recycler Activity: No

Exempt Boiler and/or Industrial Furnace

Small Quantity Onsite Burner Exemption: No
 Smelting, Melting, Refining Furnace Exemption: No

Underground Injection Control: No
 Destination Facility for Universal Waste: No

Used Oil Activities

Used Oil Transporter Activity	Off-Specification Used Oil Burner:	No
Transporter:	Used Oil Fuel Marketer Activity	
Transfer Facility:	Marketer who directs shipment off-specification used oil to off-specification used oil burner:	No
Used Oil Processor and/or Re-refiner Activity	Marketer who first claims the used oil meets the specifications:	No
Processor:		
Refiner:		

Subpart K

College/University:	No	Non-profit Research Institute:	No
Teaching Hospital:	No	Withdrawal:	No

Other Permits:				
Number	Description	Owner	Type	Type Description
14154002139	14154002139	HQ	Q	CDS
14154092139	14154092139	HQ	Q	CDS
1980-2-OP	1980-2-OP	HQ	Z	Other non-federal program
991109	991109	HQ	Z	Other non-federal program
991155	991155	HQ	Z	Other non-federal program
991156	991156	HQ	Z	Other non-federal program
991157	991157	HQ	Z	Other non-federal program
991158	991158	HQ	Z	Other non-federal program
991160	991160	HQ	Z	Other non-federal program
ILDOOO646786	ILDOOO646786	HQ	R	RCRA (Hazardous waste)
O31174 A.A.E.	O31174 A.A.E.	HQ	P	PSD (Clean Air Act)
RE COMMENT26	RE COMMENT269	HQ	Z	Other non-federal program

Description of Hazardous Wastes (as reported on Site Identification Form)


EPA Waste Codes: D008

* End of Report *

ATTACHMENT F

RS Used Oil Services'
Notification

OMB# 2060-0024; Expires 11/30/2011

SEND COMPLETED FORM TO: The Appropriate State or Regional Office.	United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM		
1. Reason for Submittal MARK ALL BOX(ES) THAT APPLY	Reason for Submittal: <input checked="" type="checkbox"/> To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location) <input type="checkbox"/> To provide a Subsequent Notification (to update site identification information for this location) <input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application <input type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____) <input type="checkbox"/> As a component of the Hazardous Waste Report (If marked, see sub-bullet below) <input type="checkbox"/> Site was a TSO facility and/or generator of $\geq 1,000$ kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)		
2. Site EPA ID Number	EPA ID Number: <u>IL4R000116714781</u>		
3. Site Name	Name: <u>RS Used Oil Services, Inc.</u>		
4. Site Location Information	Street Address: <u>7601 W. 47th St.</u>		
	City, Town, or Village: <u>McCook</u>		County: <u>Cook</u>
	State: <u>IL</u>	Country: <u>USA</u>	Zip Code: <u>60525</u>
6. Site Land Type	<input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		
6. NAICS Code(s) for the Site (at least 5-digit codes)	A. <u> </u>		C. <u> </u>
	B. <u> </u>		D. <u> </u>
7. Site Mailing Address	Street or P.O. Box: <u>25903 S. Ridgeland Ave.</u>		
	City, Town, or Village: <u>MONROE</u>		
	State: <u>IL</u>	Country: <u>USA</u>	Zip Code: <u>60449</u>
8. Site Contact Person	First Name: <u>William</u> <u>W. J.</u> Last: <u>Kennedy</u>		
	Title: <u>Director of Safety & Compliance</u>		
	Street or P.O. Box: <u>25903 S. Ridgeland Ave.</u>		
	City, Town, or Village: <u>MONROE</u>		
	State: <u>IL</u>	Country: <u>USA</u>	Zip Code: <u>60449</u>
	Email: <u>bill@rsusedoil.com</u>		
9. Legal Owner and Operator of the Site	A. Name of Site's Legal Owner: <u>North American Waste Refining</u>		Date Became Owner: <u>07/04/2003</u>
	Owner Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		
	Street or P.O. Box: <u>7601 W. 47th St.</u>		
	City, Town, or Village: <u>McCook</u>		Phone: <u>412-858-8100</u>
	State: <u>IL</u>	Country: <u>USA</u>	Zip Code: <u>60525</u>
	B. Name of Site's Operator: <u>Ortak, Inc.</u>		Date Became Operator: <u>07/04/2003</u>
	Operator Type: <input checked="" type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		

EPA Form 8700-12, 8700-13 A/B, 8700-23 (Revised 11/2009)

RELEASEABLE

Page 1 of 4

NOV 03 2011

RECEIVED 10

EPA ID Number

OMB# 2050-0024; Expires 11/30/2011

10. Type of Regulated Waste Activity (at your site)
 Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities; Complete all parts 1-7.

- Y ☒ N ☐ 1. Generator of Hazardous Waste
 If "Yes", mark only one of the following - a, b, or c.
- ☒ a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs./mo.) or more of hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs./mo.) of acute hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 100 kg/mo (220 lbs./mo.) of acute hazardous spill cleanup material.
- ☐ b. SQG: 100 to 1,000 kg/mo (220 - 2,200 lbs./mo.) of non-acute hazardous waste.
- ☐ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste.
- If "Yes" above, indicate other generator activities.
- Y ☐ N ☒ d. Short-Term Generator (generate from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.
- Y ☐ N ☒ e. United States Importer of Hazardous Waste
- Y ☐ N ☒ f. Mixed Waste (hazardous and radioactive) Generator
- Y ☐ N ☒ 2. Transporter of Hazardous Waste
 If "Yes", mark all that apply.
- ☐ a. Transporter
- ☐ b. Transfer Facility (at your site)
- Y ☐ N ☒ 3. Treater, Storer, or Disposer of Hazardous Waste Note: A hazardous waste permit is required for these activities.
- Y ☐ N ☒ 4. Recycler of Hazardous Waste
- Y ☐ N ☒ 5. Exempt Boiler and/or Industrial Furnace
 If "Yes", mark all that apply.
- ☐ a. Small Quantity On-site Burner Exemption
- ☐ b. Smelting, Melting, and Refining Furnace Exemption
- Y ☐ N ☒ 6. Underground Injection Control
- Y ☐ N ☒ 7. Receives Hazardous Waste from Off-site

B. Universal Waste Activities; Complete all parts 1-2.

- Y ☐ N ☒ 1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes", mark all that apply.
- a. Batteries ☐
- b. Pesticides ☐
- c. Mercury containing equipment ☐
- d. Lamps ☐
- e. Other (specify) _____ ☐
- f. Other (specify) _____ ☐
- g. Other (specify) _____ ☐
- Y ☐ N ☒ 2. Destination Facility for Universal Waste
 Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities; Complete all parts 1-4.

- Y ☐ N ☒ 1. Used Oil Transporter
 If "Yes", mark all that apply.
- ☐ a. Transporter
- ☐ b. Transfer Facility (at your site)
- Y ☐ N ☒ 2. Used Oil Processor and/or Re-refiner
 If "Yes", mark all that apply.
- ☐ a. Processor
- ☐ b. Re-refiner
- Y ☐ N ☒ 3. Off-Specification Used Oil Burner
- Y ☐ N ☒ 4. Used Oil Fuel Marketer
 If "Yes", mark all that apply.
- ☐ a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications

EPA ID Number

OMB# 2050-0024 Expires 11/30/2011

D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

➔ You must check with your State to determine if you are eligible to manage laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

☐ 1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories
See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:

☐ a. College or University

☐ b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university

☐ c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

☐ 2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

11. Description of Hazardous Waste

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D003	D009				

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

ATTACHMENT G

Used Oil Waste Analysis Plan

Job's/Lab's
Copy

ORTEK INC.

USED OIL MANAGEMENT
WASTE ANALYSIS PLAN

Revised edition 03/15/03

ORTEK INC. WASTE ANALYSIS PLAN

The intent of this plan is to fully comply with both 40 CFR 279.55 as well as section 739.155 of the Illinois Environmental Protection Act. Under these acts our facility Ortek Inc. located at 7601 West 47th street in McCook, Illinois meets the definition of a used oil processor and as such must have a written waste analysis plan.

To comply with section 739.153 Ortek Inc. shall use both generator knowledge as well as sample analysis.

Incoming Waste Stream Analysis Plan

1. All waste streams at least annually or when their waste stream changes shall submit a copy of our waste profile sheet certifying that their waste stream is non-hazardous and meets the requirements of section 739.153 (See appendix A for waste profile sheet) 739.155(a)(1)
2. Upon entering the facility each truck and/or compartment of the truck shall be sampled using the Containerized liquid wastes method of sampling: COLIWASA described in Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods, SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111. 739.155(a)(2)(A)
3. All samples from each truck or compartment of the truck shall be analyzed prior to unloading and will be done so on-site. 739.155(a)(2)(B)
4. Ortek Inc. shall use SW-846 test method 9075 as approved by the US EPA for determining chlorine and other halogens in used oil to comply with section 739.153 (See appendix B for methodology) 739.155(a)(2)(C) ARF
5. Ortek Inc. will use a combination of generator knowledge as well as sampling analysis to determine the content of halogens in the used oil we accept for reprocessing. 739.155(a)(3)

Outgoing On-Spec Used Oil Analysis Plan

Any used oil received and processed and the intended use is for energy recovery shall meet the following standards. (739.172 / 739.111)

Arsenic	5 ppm max.
Cadmium	2 ppm max.
Chromium	10 ppm max.
Lead	100 ppm max.
Flash Point	100 °F min.
Total Halogens	4,000 ppm max. ²

Footnote: ² Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under section 739.110(b)(1)

APPENDIX A

MATERIAL PROFILE SHEET

Profile # _____

A. Billing Information (Written price quotes and inquiries will be sent to this address.)

Company _____ Account # _____
 Address _____
 City/State _____ Zip _____ Contact _____
 Phone _____ Fax _____

B. Generator Information/Location of Waste

Generator Name _____ Technical Contact _____
 Premise Address _____
 City/State _____ Zip _____
 Contact Phone _____ Contact Fax _____
 Type of Business Activity _____ SIC Code _____

C. Waste Description

Common Name of Waste _____
 Process Generating Waste _____
 Other Process Information _____

Source of Waste

- ☐ Unused Product or Chemical
☐ Waste by-product from process
☐ Spill clean up
☐ Planned Site Remediation
☐ Other _____

D. Physical Properties (at 25° C or 77° F)

Physical State

- ☐ 100% Solid Without Free Liquid
☐ 100% Liquid With No Solids
☐ Liquid/solid mixture
 _____ % Free Liquid
 _____ % Settled Solids
 _____ % Total Suspended Solids

Number of Phases/Layers

- ☐ 1 ☐ 2 ☐ 3

% By Volume (Approx.)

Top Middle Bottom

Odor

- ☐ None
☐ Mild
☐ Strong
 Describe: _____

Color

- ☐ Transparent
☐ Translucent
☐ Opaque
 Describe: _____

Flash Point

- ☐ < 73° F
☐ 73° - 100° F
☐ 101° - 140° F
☐ 141° - 200° F
☐ > 200° F

pH

- ☐ < 2
☐ 2.1 - 4.9
☐ 5.1 - 9
☐ 9.1 - 12.5
☐ > 12.5

Specific Gravity (gm/ml)

- ☐ < 0.8 (e.g. Petroleum)
☐ 0.8 - 1.0 (e.g. Water/Petroleum)
☐ 1.0 (e.g. Water)
☐ 1.0 - 1.2 (e.g. Antifreeze)
☐ > 1.2 (e.g. Methylene Chloride)

Viscosity

- ☐ Low (e.g. Water)
☐ Medium (e.g. Motor Oil)
☐ High (e.g. Molasses)

E. Volume

Anticipated Volume: _____ ☐ Drums ☐ Bulk ☐ Other _____
 Generation Frequency: ☐ One Time ☐ Batch ☐ Continuous
 Estimated Shipment Frequency: ☐ Weekly ☐ Semimonthly ☐ Monthly ☐ Quarterly ☐ Other _____

F. Composition (Must add up to 100%. Include inert materials and/or debris if applicable.)

_____ %	_____ %
_____ %	_____ %
_____ %	_____ %
Total _____ %	

G. Constituents Attach all available data including Lab analysis and MSDS'sThese values are based on ☐ knowledge ☐ testing ☐ none in this section present**INORGANIC**

RCRA Regulated Metals	Regulatory Level (mg/l)	Conc. (mg/l)	Other	Conc. (mg/l)	Pesticides/Herbicides	Regulatory Level (mg/l)	Conc. (mg/l)
D004 Arsenic	5.0	_____	Ammonia	_____	D012 Endrin	0.02	_____
D005 Barium	100.0	_____	Phosphorus	_____	D013 Lindane	0.4	_____
D006 Cadmium	1.0	_____	Formaldehyde	_____	D014 Methoxychlor	10.0	_____
D007 Chromium	5.0	_____	COD	_____	D015 Toxaphene	0.5	_____
D008 Lead	5.0	_____	Total Solids	_____	D016 2,4-D	10.0	_____
D009 Mercury	0.2	_____	PCBs	_____	D017 2,4,5-TP (Silvex)	1.0	_____
D010 Selenium	1.0	_____	Dioxins	_____	D020 Chlordane	0.03	_____
D011 Silver	5.0	_____			D031 Heptachlor (and its expoxide)	0.008	_____

OTHER METALS: Conc. (mg/l)

Copper _____	Cobalt _____	Titanium _____
Nickel _____	Tin _____	Vanadium _____
Zinc _____	Molybdenum _____	

ORGANIC

Volatile Compounds	Regulatory Level (mg/l)	Conc. (mg/l)	Semi-Volatile Compounds	Regulatory Level (mg/l)	Conc. (mg/l)	Other Hazards
D018 Benzene	0.5	_____	D023 o-Cresol	200.0	_____	<input type="checkbox"/> Water Reactive
D019 Carbon Tetrachloride	0.5	_____	D024 m-Cresol	200.0	_____	<input type="checkbox"/> OSHA Regulated Carcinogens
D021 Chlorobenzene	100.0	_____	D025 p-Cresol	200.0	_____	<input type="checkbox"/> Oxidizer
D022 Chloroform	6.0	_____	D026 Cresol (Total)	200.0	_____	<input type="checkbox"/> Reducer
D028 1,2-Dichloroethene	0.5	_____	D027 1,4-Dichlorobenzene	7.5	_____	<input type="checkbox"/> Infectious
D029 1,1-Dichloroethylene	0.7	_____	D030 2,4-Dinitrotoluene	0.13	_____	<input type="checkbox"/> Thermally Sensitive
D035 Methyl Ethyl Ketone	200.0	_____	D032 Hexchlorobenzene	0.13	_____	<input type="checkbox"/> Corrosive
D039 Tetrachloroethylene	0.7	_____	D033 Hexachlorobutadiene	0.5	_____	<input type="checkbox"/> Other _____
D040 Trichloroethylene	0.5	_____	D034 Hexachloroethane	3.0	_____	
D043 Vinyl Chloride	0.2	_____	D036 Nitrobenzene	2.0	_____	
			D037 Pentachlorophenol	100.0	_____	
			D038 Pyridine	5.0	_____	
			D041 2,4,5-Trichlorophenol	400.0	_____	
			D042 2,4,6-Trichlorophenol	2.0	_____	

H. Regulatory StatusRCRA Hazardous Waste (per 40CFR261)? ☐ Yes ☐ NoState Hazardous Waste? ☐ Yes ☐ NoUSDOT Hazardous Material? ☐ Yes ☐ NoUsed Oil (per 40CFR279)? ☐ Yes ☐ No

If yes to any, describe _____

I. Sample StatusRepresentative sample has been supplied? ☐ Yes ☐ No Sampled by: _____ Date Sampled: _____**J. Generators Certification**

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples are representative of the actual waste. If Ortek Inc. discovers a discrepancy during the approval process, generator grants Ortek Inc. the authority to amend the profile as Ortek Inc. deems necessary to reflect the discrepancy.

Generator's Signature _____

Name (print) _____

Date _____

APPENDIX B

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
8021B	Halogenated Volatile Organics by GC/HECD: Capillary Column Technique	Purge-and-trap (or dilute and shoot for oils) gas chromatography (GC) procedure using a Hall Electrolytic Conductivity Detector (HECD).	Applicable to individual volatile organic compounds in oil by dilute and shoot sample introduction.	EQLs of 0.040 to 0.625 mg/L in non-water miscible waste. Very low detection limit.	Method does not provide a total chloride number. The HECD is a relatively low-cost GC detector when compared to the MS.
8260B	Volatile Organic Compounds by GC/MS: Capillary Column Technique	Purge-and-trap (or dilute and shoot for oils) gas chromatography (GC) procedure using a mass spectrometer (MS) detector.	Applicable to individual volatile organic compounds in oil by dilute and shoot sample introduction.	EQLs of about 2.5 mg/L in non-water miscible waste. Very low detection limit.	Method does not provide a total chloride number. The MS detector is an expensive, complex detector.
9020B	Total Organic Halides (TOX)	A sample of water is passed through a column of activated carbon, the column is washed to remove inorganic halides, the remaining halides are combusted, and detected with a microcoulometric detector.	Applicable to all organic halides except fluorine in drinking water or ground waters that do not contain an amount of inorganic halides in excess of 20,000 times.	MDL of 0.005 mg/L for drinking water and ground waters.	Generates a single total halide number. Method is not applicable to oil matrices.
5050	Bomb Combustion Method for Solid Waste	A sample of oil is oxidized by combustion for 30-40 minutes in a bomb containing oxygen under pressure. The resulting combustate is analyzed by Methods 9056, 9252A, or 9253.	This procedure does not detect halides or halogenated compounds. Rather, this procedure prepares oil samples for analysis by other determinative methods.	Not applicable. This is not a determinative procedure.	Applicable to solid waste, oils, fuels, and related materials.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9056	Anion Chromatography Method	For oils, 2-3 mL of combustate from Method 5050 is injected into an ion chromatograph and is pumped through 3 different ion exchange columns with halogens detected by a conductivity detector.	This procedure can sequentially determine chloride, fluoride, bromide, nitrate, nitrite, phosphate, and sulfate in combustate.	Minimum DL of 0.05 mg/L for F and 0.1 mg/L for Br, Cl, and the other ions. Very low detection limit.	The only method that can be used to determine the conc. of each halide group (F, Cl, or Br).
9253	Chloride (Titrimetric, Silver Nitrate)	For oils, combustate from Method 5050 is adjusted to pH 8.3 and is titrated with silver nitrate solution in the presence of potassium chromate indicator.	This method can determine chloride from bomb combustate. Bromide, iodide, and sulfide are titrated along with the chloride.	This method is intended for oxygen bomb combustates and waters where the chloride content is 5 mg/L or more.	Bromide, iodide, and sulfide are also titrated. Ortho- and polyphosphate can interfere at concentrations above 250 and 25 mg/L, respectively.
9075	Test Method for Total Chlorine in New and Used Petroleum Products by XRF Spectrometry	A well mixed sample is loaded into an X-ray fluorescence (XRF) spectrometer. The intensities of the chlorine K alpha and sulfur K alpha lines are measured using a calibrated system. The sulfur intensity is used to correct for absorption by sulfur. Free water is a major interferant and should be removed before analysis.	This method can determine the total chlorine in new and used oils, fuels, and related materials. Possible interferants include metals, water, and sediments in the oil. Spike recovery measurements on used crankcase oil showed that diluting samples 5 to 1 allowed accurate measurement on 80% of the samples.	The applicable range of this method is from 200 mg/kg to percent levels of chlorine in oil matrices.	This method does determine total chloride concentration. One sample from each group of closely related samples should be spiked to confirm that matrix effects are not significant.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9076	Test Method for Total Chlorine in New and Used Petroleum Products by Oxidative Combustion and Microcoulometry	A sample is placed in a quartz boat at the inlet of a high-temperature quartz combustion tube. An inert carrier gas sweeps across the inlet while oxygen flows to the center of the combustion tube. The boat and sample are passed through a temperature zone of about 300° C to volatilize the light ends. The sample is then advanced to the center of the combustion tube, which is at 1000° C, where the chlorine is converted to chloride and oxychlorides, which then flow into an attached titration cell where they quantitatively react with silver ions. The total current required to coulometrically replace the silver ions is a measure of the chlorine present in the sample.	This method can determine total chlorine in new and used oils, fuels, and related materials. Bromine and iodine will also give a positive response. However, because oxyhalides of bromine and iodine do not react in the titration cell, only about a 50% microequivalent response is detected from them.	The applicable range of this method is from 10 to 10,000 mg/kg of chlorine in oil matrices.	This method does determine total chloride concentration along with some of the bromide and iodide concentration present.
9077	Test Method for Total Chlorine in New and Used Petroleum Products (3 Different Field Test Kit Methods)	Method A: The CHLOR-D-TECT 1000 by Dexsil Corporation, involves dispersing a sample of oil (about 0.4 g by volume) in a solvent and reacting with a mixture of metallic sodium catalyzed with naphthalene and diglyme at ambient temperature. All halides in the mixture are extracted into an aqueous buffered solution and titrated with mercuric nitrate using a diphenyl-carbazone indicator to a blue-violet endpoint.	This method can determine whether or not a sample contains greater than or less than 1000 ppm of total chloride in new and used oils, fuels and related materials. Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.	This method is semi-quantitative. Results are reported as being above or below 1000 mg/kg of chlorine (along with bromide and iodide) in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree then a third test must be performed.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9077 (cont.)		Method B: The Quanti-Chlor Kit from Chemetrics Inc., involves a reverse titration of a fixed volume of mercuric nitrate with the extracted sample to an endpoint that is denoted by a change from blue to yellow in the titration vessel.	This method can determine total chlorine in new and used oils, fuels, and related materials. Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.	The applicable range of this method is 750 to 7000 mg/kg chlorine in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree within 10% RPD a third test should be run.
		Method C: The CHLOR-D-TECT Q4000 from Dextsil Corporation involves a titration of the extracted sample with mercuric nitrate by means of a 1- mL microburette to an endpoint that is denoted by a change from pale yellow to red violet. The concentration of chlorine in the original oil is then read from a scale on the microburette.	This method can determine total chlorine in new and used oils, fuels, and related materials. Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.	The applicable range of this method is 300 to 4000 mg/kg of chlorine in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree within 10% RPD, a third test should be run.

TEST METHOD FOR TOTAL CHLORINE IN NEW AND USED PETROLEUM
PRODUCTS BY X-RAY FLUORESCENCE SPECTROMETRY (XRF)

1.0 SCOPE AND APPLICATION

1.1 This test method covers the determination of total chlorine in new and used oils, fuels, and related materials, including crankcase, hydraulic, diesel, lubricating and fuel oils, and kerosene. The chlorine content of petroleum products is often required prior to their use as a fuel.

1.2 The applicable range of this method is from 200 µg/g to percent levels.

1.3 Method 9075 is restricted to use by, or under the supervision of, analysts experienced in the operation of an X-ray fluorescence spectrometer and in the interpretation of the results.

2.0 SUMMARY OF METHOD

2.1 A well-mixed sample, contained in a disposable plastic sample cup, is loaded into an X-ray fluorescence (XRF) spectrometer. The intensities of the chlorine K α and sulfur K α lines are measured, as are the intensities of appropriate background lines. After background correction, the net intensities are used with a calibration equation to determine the chlorine content. The sulfur intensity is used to correct for absorption by sulfur.

3.0 INTERFERENCES

3.1 Possible interferences include metals, water, and sediment in the oil. Results of spike recovery measurements and measurements on diluted samples can be used to check for interferences.

Each sample, or one sample from a group of closely related samples, should be spiked to confirm that matrix effects are not significant. Dilution of samples that may contain water or sediment can produce incorrect results, so dilution should be undertaken with caution and checked by spiking. Sulfur interferes with the chlorine determination, but a correction is made.

Spike recovery measurements of used crankcase oil showed that diluting samples five to one allowed accurate measurements on approximately 80% of the samples. The other 20% of the samples were not accurately analyzed by XRF.

3.2 Water in samples absorbs X-rays emitted by chlorine. For this interference, use of as short an X-ray counting time as possible is beneficial. This appears to be related to stratification of samples into aqueous and nonaqueous layers while in the analyzer.

Although a correction for water may be possible, none is currently available. In general, the presence of any free water as a separate phase or a water content greater than 25% will reduce the chlorine signal by 50 to 90%. See Sec. 6.4.

4.0 APPARATUS AND MATERIALS

4.1 XRF spectrometer, either energy dispersive or wavelength dispersive. The instrument must be able to accurately resolve and measure the intensity of the chlorine and sulfur lines with acceptable precision.

4.2 Disposable sample cups with suitable plastic film such as Mylar®.

5.0 REAGENTS

5.1 Purity of reagents. Reagent-grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

5.2 Mineral oil, mineral spirits or paraffin oil (sulfur- and chlorine-free), for preparing standards and dilutions.

5.3 1-Chlorodecane (Aldrich Chemical Co.), 20.1% chlorine, or similar chlorine compound.

5.4 Di-n-butyl sulfide (Aldrich Chemical Co.), 21.9% sulfur by weight.

5.5 Quality control standards such as the standard reference materials NBS 1620, 1621, 1622, 1623, and 1624 for sulfur in oil standards; and NBS 1818 for chlorine in oil standards.

6.0 SAMPLE COLLECTION, PRESERVATION, AND HANDLING

6.1 All samples must be collected using a sampling plan that addresses the considerations discussed in Chapter Nine.

6.2 The collected sample should be kept headspace free prior to preparation and analysis to minimize volatilization losses of organic halogens. Because waste oils may contain toxic and/or carcinogenic substances, appropriate field and laboratory safety procedures should be followed.

6.3 Laboratory sampling of the sample should be performed on a well-mixed sample of oil. The mixing should be kept to a minimum and carried out as nearly headspace free as possible to minimize volatilization losses of organic halogens.

6.4 Free water, as a separate phase, should be removed and cannot be analyzed by this method.

7.0 PROCEDURE

7.1 Calibration and standardization.

7.1.1 Prepare primary calibration standards by diluting the chlorodecane and n-butyl sulfide with mineral spirits or similar material.

7.1.2 Prepare working calibration standards that contain sulfur, chlorine, or both according to the following table:

Cl: 500, 1,000, 2,000, 4,000, and 6,000 µg/g
S: 0.5, 1.0, and 1.5% sulfur

- | | |
|--------------------------|--------------------------|
| 1. 0.5% S, 1,000 µg/g Cl | 5. 1.0% S, 6,000 µg/g Cl |
| 2. 0.5% S, 4,000 µg/g Cl | 6. 1.5% S, 1,000 µg/g Cl |
| 3. 1.0% S, 500 µg/g Cl | 7. 1.5% S, 4,000 µg/g Cl |
| 4. 1.0% S, 2,000 µg/g Cl | 8. 1.5% S, 6,000 µg/g Cl |

Once the correction factor for sulfur interference with chlorine is determined, fewer standards may be required.

7.1.3 Measure the intensity of the chlorine K α line and the sulfur K α line as well as the intensity of a suitably chosen background. Based on counting statistics, the relative standard deviation of each peak measurement should be 1% or less.

7.1.4 Determine the net chlorine and sulfur intensities by correcting each peak for background. Do this for all of the calibration standards as well as for a paraffin blank.

7.1.5 Obtain a linear calibration curve for sulfur by performing a least squares fit of the net sulfur intensity to the standard concentrations, including the blank. The chlorine content of a standard should have little effect on the net sulfur intensity.

7.1.6 The calibration equation for chlorine must include a correction term for the sulfur concentration. A suitable equation follows:

$$Cl = (mI + b) (1 + k^*S) \quad (1)$$

where:

I = net chlorine intensity
m, b, k* = adjustable parameters
S = sulfur concentration

Using a least squares procedure, the above equation or a suitable substitute should be fitted to the data. Many XRF instruments are equipped with suitable computer programs to perform this fit. In any case, the resulting equation should be shown to be accurate by analysis of suitable standard materials.

7.2 Analysis.

7.2.1 Prepare a calibration curve as described in Sec. 7.1. By periodically measuring a very stable sample containing both sulfur and chlorine, it may be possible to use the calibration equations for more than 1 day. During each day, the suitability of the calibration curve should be checked by analyzing standards.

7.2.2 Determine the net chlorine and sulfur intensities for a sample in the same manner as done for the standards.

7.2.3 Determine the chlorine and sulfur concentrations of the samples from the calibration equations. If the sample concentration for either element is beyond the range of the standards, the sample should be diluted with mineral oil and reanalyzed.

8.0 QUALITY CONTROL

8.1 Refer to Chapter One for specific quality control procedures.

8.2 One sample in ten should be analyzed in triplicate and the relative standard deviation reported. For each triplicate, a separate preparation should be made, starting from the original sample.

8.3 Each sample, or one sample in ten from a group of similar samples, should be spiked with the elements of interest by adding a known amount of chlorine or sulfur to the sample. The spiked amount should be between 50% and 200% of the sample concentration, but the minimum addition should be at least five times the limit of detection. The percent recovery should be reported and should be between 80% and 120%. Any sample suspected of containing >25% water should also be spiked with organic chlorine.

8.4 Quality control standard check samples should be analyzed every day and should agree within 10% of the expected value of the standard.

9.0 METHOD PERFORMANCE

9.1 These data are based on 47 data points obtained by seven laboratories who each analyzed four used crankcase oils and three fuel oil blends with crankcase in duplicate. A data point represents one duplicate analysis of a sample. Two data points were determined to be outliers and are not included in these results.

9.2 Precision. The precision of the method as determined by the statistical examination of interlaboratory test results is as follows:

Repeatability - The difference between successive results obtained by the same operator with the same apparatus under constant operating conditions on identical test material would exceed, in the long run, in the normal and correct operation of the test method, the following values only in 1 case in 20 (see Table 1):

$$\text{Repeatability} = 5.72 \sqrt{x}$$

*where x is the average of two results in $\mu\text{g/g}$.

Reproducibility - the difference between two single and independent results obtained by different operators working in different laboratories on identical test material would exceed, in the long run, the following values only in 1 case in 20:

$$\text{Reproducibility} = 9.83 \sqrt{x}$$

*where x is the average value of two results in $\mu\text{g/g}$.

9.3 Bias. The bias of this test method varies with concentration, as shown in table 2:

$$\text{Bias} = \text{Amount found} - \text{Amount expected.}$$

10.0 REFERENCE

1. Gaskill, A.; Estes, E.D.; Hardison, D.L.; and Myers, L.E. Validation of Methods for Determining Chlorine in Used Oils and Oil Fuels. Prepared for U.S. Environmental Protection Agency, Office of Solid Waste. EPA Contract No. 68-01-7075, WA 80. July 1988.

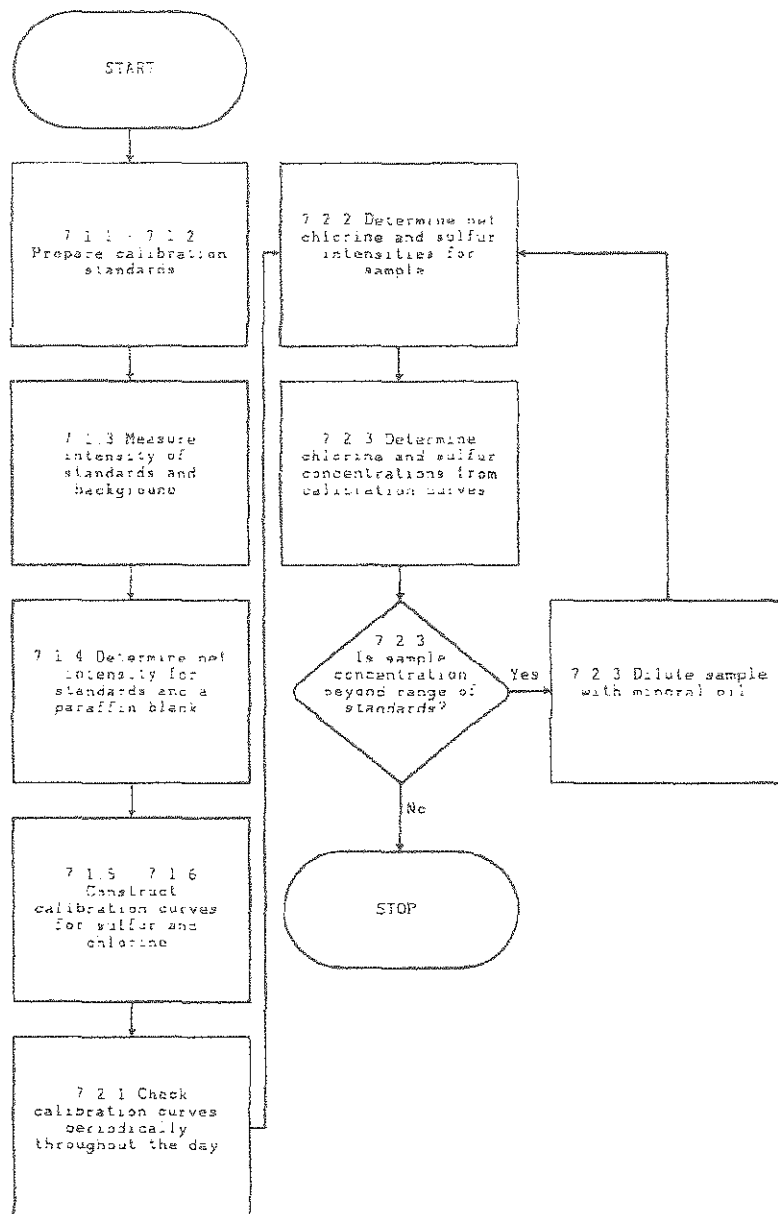
TABLE 1. REPEATABILITY AND REPRODUCIBILITY
FOR CHLORINE IN USED OILS BY
X-RAY FLUORESCENCE SPECTROMETRY

Average value, µg/g	Repeatability, µg/g	Reproducibility, µg/g
500	128	220
1,000	181	311
1,500	222	381
2,000	256	440
2,500	286	492
3,000	313	538

TABLE 2. RECOVERY AND BIAS DATA FOR CHLORINE IN
USED OILS BY X-RAY FLUORESCENCE SPECTROMETRY

Amount expected, µg/g	Amount found, µg/g	Bias, µg/g	Percent bias
320	278	-42	-13
480	461	-19	-4
920	879	-41	-4
1,498	1,414	-84	-6
1,527	1,299	-228	-15
3,029	2,806	-223	-7
3,045	2,811	-234	-8

METHOD 9075
TEST METHOD FOR TOTAL CHLORINE IN NEW AND USED
PETROLEUM PRODUCTS BY X-RAY FLUORESCENCE SPECTROMETRY (XRF)



METHOD 1010
PENSKY-MARTENS CLOSED-CUP METHOD FOR DETERMINING IGNITABILITY

1.0 SCOPE AND APPLICATION

1.1 Method 1010 uses the Pensky-Martens closed-cup tester to determine the flash point of liquids including those that tend to form a surface film under test conditions. Liquids containing non-filterable, suspended solids shall also be tested using this method.

2.0 SUMMARY OF METHOD

2.1 The sample is heated at a slow, constant rate with continual stirring. A small flame is directed into the cup at regular intervals with simultaneous interruption of stirring. The flash point is the lowest temperature at which application of the test flame ignites the vapor above the sample.

For further information on how to conduct a test by this method, see Reference 1 below.

3.0 METHOD PERFORMANCE

3.1 The Pensky-Martens and Setaflash Closed Testers were evaluated using five industrial waste mixtures and p-xylene. The results of this study are shown below in °F along with other data.

<u>Sample</u>	<u>Pensky- Martens</u>	<u>Setaflash</u>
1 ²	143.7 ± 1.5	139.3 ± 2.1
2 ²	144.7 ± 4.5	129.7 ± 0.6
3 ²	93.7 ± 1.5	97.7 ± 1.2
4 ²	198.0 ± 4.0	185.3 ± 0.6
5 ²	119.3 ± 3.1	122.7 ± 2.5
p-xylene ²	81.3 ± 1.1	79.3 ± 0.6
p-xylene ³	77.7 ± 0.5 ⁴	--
Tanker oil	125, 135	--
Tanker oil	180, 180	--
Tanker oil	110, 110	--
DIBK/xylene	102 ± 4 ²	107

²75/25 v/v analyzed by four laboratories.

⁴12 determinations over five-day period.

4.0 REFERENCES

1. D 93-80, Test Methods for Flash Point by Pensky-Martens Closed Tester, American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, 04.09, 1986.
2. Umana, M., Gutknecht, W., Salmons, C., et al., Evaluation of Ignitability Methods (Liquids), EPA/600/S4-85/053, 1985.
3. Gaskill, A., Compilation and Evaluation of RCRA Method Performance Data, Work Assignment No. 2, EPA Contract No. 68-01-7075, September 1986.

METHOD 9041A

pH PAPER METHOD

1.0 SCOPE AND APPLICATION

1.1 Method 9041 may be used to measure pH as an alternative to Method 9040 (except as noted in Step 1.3) or in cases where pH measurements by Method 9040 are not possible.

1.2 Method 9041 is not applicable to wastes that contain components that may mask or alter the pH paper color change.

1.3 pH paper is not considered to be as accurate a form of pH measurement as pH meters. For this reason, pH measurements taken with Method 9041 cannot be used to define a waste as corrosive or noncorrosive (see RCRA regulations 40 CFR §261.22(a)(1)).

2.0 SUMMARY OF METHOD

2.1 The approximate pH of the waste is determined with wide-range pH paper. Then a more accurate pH determination is made using "narrow-range" pH paper whose accuracy has been determined (1) using a series of buffers or (2) by comparison with a calibrated pH meter.

3.0 INTERFERENCES

3.1 Certain wastes may inhibit or mask changes in the pH paper. This interference can be determined by adding small amounts of acid or base to a small aliquot of the waste and observing whether the pH paper undergoes the appropriate changes.

CAUTION: THE ADDITION OF ACID OR BASE TO WASTES MAY RESULT IN VIOLENT REACTIONS OR THE GENERATION OF TOXIC FUMES (e.g., hydrogen cyanide). Thus, a decision to take this step requires some knowledge of the waste. See Step 7.3.3 for additional precautions.

4.0 APPARATUS AND MATERIALS

4.1 Wide-range pH paper.

4.2 Narrow-range pH paper: With a distinct color change for every 0.5 pH unit (e.g., Alkaacid Full-Range pH Kit, Fisher Scientific or equivalent). Each batch of narrow-range pH paper must be calibrated versus certified pH buffers or by comparison with a pH meter which has been calibrated with certified pH buffers. If the incremental reading of the narrow-range pH paper is within 0.5 pH units, then the agreement between the buffer or the calibrated pH meter with the paper must be within 0.5 pH units.

4.3 pH Meter (optional).

5.0 REAGENTS

5.1 Certified pH buffers: To be used for calibrating the pH paper or for calibrating the pH meter that will be used subsequently to calibrate the pH paper.

5.2 Dilute acid (e.g., 1:4 HCl).

5.3 Dilute base (e.g., 0.1 N NaOH).

6.0 SAMPLE COLLECTION, PRESERVATION, AND HANDLING

6.1 All samples must be collected using a sampling plan which addresses the considerations discussed in Chapter Nine of this manual.

7.0 PROCEDURE

7.1 A representative aliquot of the waste must be tested with wide-range pH paper to determine the approximate pH.

7.2 The appropriate narrow-range pH paper is chosen and the pH of a second aliquot of the waste is determined. This measurement should be performed in duplicate.

7.3 Identification of interference:

7.3.1 Take a third aliquot of the waste, approximately 2 mL in volume, and add acid dropwise until a pH change is observed. Note the color change.

7.3.2 Add base dropwise to a fourth aliquot and note the color change. (Wastes that have a buffering capacity may require additional acid or base to result in a measurable pH change.)

7.3.3 The observation of the appropriate color change is a strong indication that no interferences have occurred.

CAUTION ADDITION OF ACID OR BASE TO SAMPLES MAY RESULT IN VIOLENT REACTIONS OR THE GENERATION OF TOXIC FUMES. PRECAUTIONS MUST BE TAKEN. THE ANALYST SHOULD PERFORM THESE TESTS IN A WELL-VENTILATED HOOD WHEN DEALING WITH UNKNOWN SAMPLES.

8.0 QUALITY CONTROL

8.1 All quality control data must be maintained and available for easy reference or inspection.

8.2 All pH determinations must be performed in duplicate.

8.3 Each batch of pH paper must be calibrated versus certified pH buffers or a pH meter which has been calibrated with certified pH buffers.

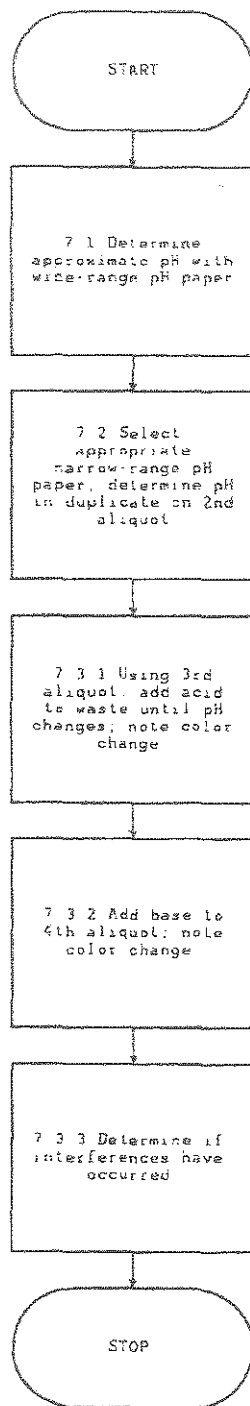
9.0 METHOD PERFORMANCE

9.1 No data provided.

10.0 REFERENCES

10.1 None required.

METHOD 9041A
pH PAPER METHOD



ATTACHMENT H

SPCC Plan

BK
copy

SPILL PREVENTION, CONTROL AND COUNTERMEASURES PLAN SPCC

**Ortek, Inc.
7601 W. 47th Street
McCook, IL 60525
708-762-5117**

SPILL PREVENTION, CONTROL AND COUNTERMEASURES (SPCC) PLAN

Ortek Inc. 7601 West 47th Street McCook, IL 60525

Date of Facility's First Plan: June 14, 2002
Date of Last Plan Amendment: October, 2007
Date of Last Plan Review: August, 2010

Designated staff person(s) responsible for spill prevention: Robert Kolar

EMERGENCY TELEPHONE NUMBERS:

Notification Contacts:

- | | | |
|---|-------------------|----------------|
| 1. Facility Manager, Robert Kolar | (cell) | Non-responsive |
| | (home) | Non-responsive |
| 2. National Response Center | | (800) 424-8802 |
| 3. Illinois Emergency Services & Disaster Agency (ESDA) | | (800) 782-7860 |
| 4. Illinois EPA (Bureau of Land), general phone number | | (217) 782-6761 |
| 5. Cook County Department of Environmental Control | | (312) 603-8200 |
| 6. Village of McCook dial 911 for Fire Department or Police | | (708) 447-1234 |
| 7. Other Ortek Employees, Laurie Witter | (cell) | Non-responsive |
| | (home) | Non-responsive |
| 8. Hospitals -- | LaGrange Memorial | (708) 352-1200 |
| | MacNeal Hospital | (708) 783-9100 |

Clean-Up Contractors:

- | | |
|---|----------------|
| 1. Future Environmental (contacts = Jim, Steve, Tom) | (708) 479-6900 |
| 2. North Branch Environmental (contacts = John or JD) | (630) 529-0240 |
| 3. HazChem Environmental (contacts = Al or Chris) | (630) 458-1910 |
| 4. Duke's Oil (contact = Gary) | (630) 860-5689 |

Supplies and Equipment:

- | | |
|--|----------------|
| 1. North Branch Environmental | (630) 529-0240 |
| 2. or any of the other clean-up contractors listed above | |

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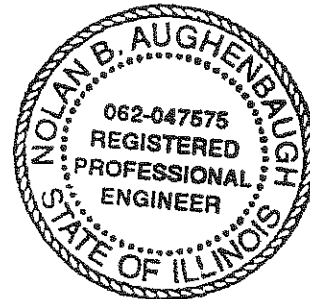
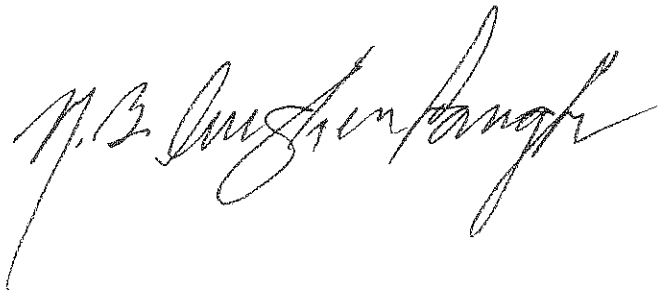
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PROFESSIONAL ENGINEER CERTIFICATION

CERTIFICATION: I hereby certify that I and/or those under my direction have examined the facility and having reviewed this SPPC Plan, attest that the Plan has been prepared in accordance with good engineering practices.

Engineer: Nolan Aughenbaugh Registration Number: 062-047575 State: Illinois

Signature: Nolan Aughenbaugh Date of Plan Certification: October 25, 2007



SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN MANAGEMENT APPROVAL

I hereby certify that the necessary resources to implement this Plan have been committed.

Lowell Aughenbaugh

Lowell Aughenbaugh, Facility Manager

6-14-02

& 10-24-07

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

Please see Attachment A.

PROFESSIONAL ENGINEER CERTIFICATION

CERTIFICATION: I hereby certify that I and/or those under my direction have examined the facility and having reviewed this SPPC Plan, attest that the Plan has been prepared in accordance with good engineering practices.

Engineer: Nolan Aughenbaugh Registration Number: 062-047575 State: Illinois

Signature: Nolan Aughenbaugh Date of Plan Certification: October 25, 2007

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN MANAGEMENT APPROVAL

I hereby certify that the necessary resources to implement this Plan have been committed.

Lowell Aughenbaugh

Lowell Aughenbaugh, Facility Manager

6-14-02
& 10-24-07

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

Please see Attachment A.

**SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN
COMPLIANCE REVIEW PAGE**

In accordance with 40 CFR 112.5(b), a review and evaluation of this SPCC Plan is conducted at least once every three years. These reviews and evaluations are recorded below:

<u>Reviewer (signature)</u>	<u>Reviewer (print)</u>	<u>Date</u>	<u>Comments</u>	<u>Is P.E. re-certification required?</u>
				<u>Yes or No</u>
1.	Bob Madl \ Lowell Aughenbaugh	6-14-02		yes
2.	Lowell Aughenbaugh	6-03-03		no
3.	Lowell Aughenbaugh	June, 2005		
4.	Lowell Aughenbaugh / Nolan Aughenbaugh	Oct, 2007		

FACILITY INFORMATION

Name: Ortek Inc.

Mailing Address: 7601 West 47th Street
McCook, IL 60525

Street Address: 7601 West 47th Street
McCook, IL 60525

Owner: North American Refining Corp.
7601 West 47th Street
McCook, IL 60525

Facility Contact: Lowell Aughenbaugh
(708) 762-5117

Location: Approximately 1.0 miles north of Interstate I-55 off Harlem Ave. (I-55 Exit 283) then Left (west) on 47th Street. The Site is located in Cook County, Illinois

Facility Description: Ortek Inc. is an oily waste water treatment facility, used oil recycler (re-refiner), compounder/blender, and packager. The site comprises of approximately 6-acres which is bermed\contained on all sides. The Company owns and operates various equipment including forklifts, backhoes, a crane, man-lift, bobcat (skidsteer), loading docks, truck scale, storage tanks, process equipment, and high & low pressure boilers.

Fixed Storage: All the storage tanks at the Ortek site are aboveground storage tanks (AST's). A listing of these tanks and related specific information are contained in Appendix C (Storage Tank Data).

Total liquid storage capacity: 2,531,870 gallons

Attachment B, contains a facility Plan Map showing the location of storage tanks, process equipment, and the general layout of the facility.

PAST SPILL EXPERIENCE – 40 CFR 112.7 (a)

<u>Description of Spill</u>	<u>Corrective Actions Taken</u>	<u>Plan for Preventing Recurrence</u>
1987 tank pressure release sulfurized lard tank	Area cleaned up / remediated	Personnel training & press safety release installed on process tank

POTENTIAL EQUIPMENT FAILURES – 40 CFR 112.7 (b)

<u>Potential Failure</u>	<u>Spill Direction</u>	<u>Volume Released</u>	<u>Spill Rate</u>
Complete failure of a full tank	Inside Dike Area	Est. 50,000 gallons	Instantaneous Assuming worst case
Partial failure of a full tank	Inside Dike Area	up to 5,000 gallons	Gradual to Instantaneous
Storage Tank, or Tanker overfill, supervised	Inside Dike Area	up to 1,000 gallons	assume 100 gallons / min
Pipe failure	Inside Dike Area Or un-diked area	up to say 1000 gals	assume 100 gallons / min
Small Leak in pipe, flange, valve, or packing	Inside Dike Area Or pump house	up to 100 gallons	Gradual
Tank truck leak or failure	Truck offloading areas	up to 5000 gallons	Gradual to Instantaneous
Hose leak during transfer	Northbound down RR tracks	up to 500 gallons	assume 100 gals / minute
Pump rupture or failure	Pump house or Diked area	up to 500 gallons	assume 100 gals / minute

CONTAINMENT AND DIVERSIONARY STRUCTURES – 40 CFR 112.7 (c)(1)

- i. Dikes are provided around the tanks that store various lubricating oils/additives, and other materials across the facility. The floor and walls of the containment structures are concrete, or clay earthened dikes. Spills within any containment area are expected to be contained in that area. In addition to tank storage areas being contained, the entire 6-acre Ortek facility is “contained”, forming a secondary, backup containment. Earthen and/or concrete berms/walls surround the entire site, with native clay forming the native soil base of the facility. Consultants during the 1970’s completed surveying and volume calculations and established that the site as it lays could contain over 4-million gallons of liquid(s) before any spilled material could leave the site.
- ii. The loading and unloading area for tanker trucks and/or railcars is also made of concrete/asphalt. However some loading of product materials is completed over unprotected gravel areas. The use of readily available spill equipment would prevent any potential spills from spreading far including Ortek’s liquid vacuum truck, backhoe, and other resources available to the company.
- iii. The facility operates its own wastewater treatment plant and all drainage of rainwater within the facility flows thru the treatment plant. In addition, there are no sewers located within the facilities boundaries.
- iv. Ortek keeps on-hand various absorbent spill pads, absorbent clays, oil booms, numerous portable liquid pumps, vacuum truck, backhoe, case brand skidsteer (bobcat), and other such equipment should a spill ever occur. In addition, most dikes located at this site contain pumps inside each dike that are capable of pumping any spills that may occur within that dike. Ortek works with most of Chicago-Land’s top spill response contractors, and as a result generally have these trucks/emergency equipment available to us as well.

DEMONSTRATION OF PRACTICABILITY – 40 CFR 112.7(d)

Ortek Inc. has determined that use of the containment and diversionary structures and the use of readily available spill equipment to prevent discharged oil or other materials/liquids from reaching navigable waterways or sewers are practical and effective at this facility. Probably one of the best demonstrations of this at this site has been past heavy rain events (floods). During flooding events Ortek has been able to evaluate the path spills may take as well as the effectiveness of dikes, containment structures, berms, and/or diversionary structures. Because Ortek treats all it’s rainwater, we are in-effect practicing spill procedures every time it rains (although I don’t believe we have recorded all this in our spill “training” records).

FACILITY DRAINAGE – 40 CFR 112.7(e)(1)

- i. Spills from above ground storage tanks will be restrained by secondary containment. Spills outside of the dike area will be contained by the use of the facilities spill equipment.
- ii. Rainwater and/or melting snow is sent to Ortek’s own on-site waste water treatment plant.

BULK STORAGE TANKS – 40 CFR 112.7(e)(2)

- i. All of the AST's are of Underwriter Laboratories UL-142 construction and/or API 650 and are compatible with the oil or liquid that they contain and the temperature and pressure conditions of storage.
- ii. Secondary containment volume is greater than 110 percent of the largest tank in the facility.
- iii. 55 gallon drums containing lubricating oil additives or other materials are stored in few common areas and periodically monitored for any signs of leaks.
- iv. There are no underground storage tanks (UST's) at the Site.
- v. Thickness testing has historically been completed on AST's every five years using a system of non-destructive testing such as ultrasonic or x-ray. Visual inspections of tanks and dikes are performed daily.
- vi. Each storage tank (AST) is equipped with a floating level style level gauge. Venting capacity is suitable for the anticipated fill and withdrawal rates. Tank level gauges are checked for accuracy whenever metering product through tested positive displacement meters, and/or measured and marked off on the tank knowing the volume per foot (gallons per foot), for any diameter tank.
- vii. Oil leaks that result in a loss of oils from tanks, gaskets, packing, or other sources are generally corrected immediately, with spill pans or a bucket placed under the leak, for example, until the leak can be repaired.

TRANSFER OPERATIONS, PUMPING, AND IN-PLANT PROCESSES – 40 CFR 112.7(e)(3)

- i. There is no buried/underground piping in the facility. All piping is above grade.
- ii. Pipelines not in service or on standby for an extended period (over 3 months) are capped or blank flanged.
- iii. Pipe supports are designed to minimize abrasion and corrosion and to allow for expansion and contraction.
- iv. Aboveground pipelines, pumps and valves are examined daily to assess their condition. Clearing a pipeline, along with air pressure testing of the piping can be conducted if any piping section is questioned.
- v. Aboveground pipelines do not come in contact with truck or railcar loading/unloading operations.

TANK CAR AND TRUCK LOADING / UNLOADING RACKS – 40 CFR 112.7(e)(4)

- i. The tank truck loading and unloading procedures meet the minimum requirements of the U. S. Department of Transportation.
- ii. Parking brakes on trucks/railcars are set prior to loading/unloading. We request that all running tanker trucks engines are shut down during these operations.
- iii. The lower-most drain and other outlets on each tank trucks/railcar are inspected for leaks prior to and while loading and prior to departure. In addition, the internal safety valves are checked on tank trucks prior to loading and while sampling.
- iv. Deliveries and transfers are performed by qualified/trained Ortek Inc. employees.

INSPECTION AND RECORDS - 40 CFR 112.7(e)(8)

Daily visual inspections consist of a complete walk-through of the facility to check the following: piping, equipment and tanks for leakage, concrete\ground for staining and/or discoloring. In addition, tank inventory is taken on all tanks once per working day.

The checklist provided in Attachment D is followed during weekly inspections. These items covered in the inspections are performed in accordance with written procedures such as API standards and with good engineering practices.

SECURITY – 40 CFR 112.7(e)(9)

Ortek Inc. is manned twenty-four hours per day seven days per week. In addition, doors, entrance gates, etcetera are locked and secured during off hours. The facility is generally surrounded by six-foot high fencing at the property boundaries.

- i. Valves are closed after each operation at the facility. All pumps are shut off after each operation. There are generally multiple valves on each loading/unloading line so overlooking one valve should not lead to any spills. In addition, sample valves on storage tanks are capped.
- ii. The plant is illuminated twenty-four hours per day, and warning signs are posted informing visitors or others that they must check in, or not trespass. In addition, 24-hour, round the clock video surveillance is now recorded for a large portion of the facility.

PERSONNEL TRAINING AND SPILL PREVENTION PROCEDURES-40CFR 112.7 (e)(10)

- i. Facility personnel have been instructed by management in the operation and maintenance of pollution prevention equipment and pollution control laws and regulations.
- ii. Facility manager, Lowell Aughenbaugh is ultimately responsible for oil spill prevention at this facility. Mr. Bob Kolar also works in this capacity.
- iii. Yearly spill prevention briefings are provided by Management for operating personnel to ensure adequate understanding of the SPCC plan. These briefings highlight any past spill events or failures and recently developed precautionary measures. Training includes oil spill prevention, containment, and retrieval methods. A simulation of an on-site vehicular spill has been conducted and future exercises shall be periodically held to prepare for possible spill responses. Also, as discussed earlier, rain events have been useful learning/training experience, as rain accumulation and runoff is evaluated as if the rainwater had been a "spill". New employees are trained concerning the SPCC plan, generally within 2 weeks of starting work.

Instructions and phone numbers regarding the reporting of a spill to the National Response Center and the state are listed on the cover page of this plan and have been posted.

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

FACILITY ADDRESS: 7601 W. 47th Street
McCook, IL 60525

1. Does the facility transfer oil over water of from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?
Yes _____ No X
2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?
Yes _____ No X
3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the formula in Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula¹) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Environments" (Section 10, Appendix E, 40 CFR 112 for availability) and the applicable Area Contingency Plan.
Yes _____ No X
4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate (Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula¹) such that a discharge from the facility would shut down a public drinking water intake²?
Yes _____ No X
5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?
Yes _____ No X

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Signature _____

Date _____

²For the purposes of 40 CFR part 112, public drinking water intakes are analogous to the public water systems as described at 40 CFR 143.2©. (from 40 CFR 112 Appendix C, Attachment C-II)

Appendix C

ORTEK STORAGE TANKS & PROCESS EQUIPMENT - CURRENT										
TANK NUMBER	PRODUCT STORED	CAPACITY	YEAR BUILT	DIAMETER	HEIGHT	STATUS	MFG	S.N.#	gal/in	gal/ft
D-1	NOT IN SERVICE	15,000	1974	12.00	17.75	SAME			70	850
D-2	NOT IN SERVICE	15,000	1977	12.00	17.75	SAME	IMPERIAL	9831	70	850
1	OILY WASTE EMULSIONS	15000	1976	12.00	17.75	SAME	IMPERIAL	9831	70	850
2	OILY WASTE EMULSIONS	15,000	1976	12.00	17.75	SAME			70	850
3	OILY WASTE EMULSIONS	15,000	1976	12.00	17.75	SAME	BACON		70	850
4	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
5	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
6	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
7	#5 FUEL OIL - WET	28,770	1978	11.83	35.00	CHANGE			59	825
8	NOT IN SERVICE	28,770	1978	11.83	35.00	CHANGE			59	825
9	NOT IN SERVICE	28,770	1978	11.83	35.00	CHANGE			59	825
10	NOT IN SERVICE	28,770	1978	11.83	35.00	SCRAP			58	825
20	NOT IN SERVICE	8,000	1972	13.60	16.3	empty			91	1090
98	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE			58	700
99	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE			58	700
100	NOT IN SERVICE	250,000	1954	35.00	36.00	CHANGE			600	7200
101	NOT IN SERVICE	250,000	1954	35.00	36.00	SCRAP	GRAVER	1092	600	7200
110	NOT IN SERVICE	15,000	1964	10.50	23.20	UNKNOWN			54	650
120	#5 FUEL OIL - WET	21,300	1952	11.00	30.00	SAME			58	700
121	#5 FUEL OIL - WET	21,300	1952	11.00	30.00	SAME			58	700
122	#5 FUEL OIL - DRY	21,300	1952	11.00	30.00	SAME			58	700
123	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
124	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
125	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
126	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
127	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
128	WATER SOLUBLE	21,300	1952	11.00	30.00	SAME			58	700
129	WATER SOLUBLE	21,300	1952	11.00	30.00	SAME			58	700
130	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
131	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
132	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
133	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
143	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7428	58	700
144	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7428	58	700
145	#5 FUEL OIL - WET	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7549	58	700
146	#5 FUEL OIL - DRY	21,300	1969	11.00	30.00	SAME	IMPERIAL	7549	58	700
201	FLUSHING OIL	1,500	1962	5.00	10.20	SAME			12	147
204	NOT IN SERVICE	2,100	1958	4.70	16.00	UNKNOWN			11	130
205	NOT IN SERVICE	2,100	1958	4.70	16.00	UNKNOWN			11	130
207	SJR 2000	2,750	1958	5.75	14.00	SAME			16	194
208	SJR 2000	2,750	1958	5.75	14.00	UNKNOWN			16	194
210	SJR 2000	2,750	1958	5.75	14.00	SAME			16	194
211	H CAL 2400	2,750	1958	5.75	14.00	SAME			16	194
212	H CAL 2400	2,750	1958	5.75	14.00	SAME			16	194
213	ELCO 102 BLEND	2,750	1958	5.75	14.00	SAME			16	194
214	NIS	2,750	1958	5.75	14.00	SAME			16	194
215	EXXON 80 NEUTRAL	2,750	1958	5.75	14.00	UNKNOWN			16	194
216	ELCO 102 BLEND	2,750	1958	5.75	14.00	SAME			16	194
217	RIGID DARK TANK	2,750	1958	5.75	14.00	UNKNOWN			16	194
237	INFINEUM 4540	8,200	1962	8.00	16.48	SAME			31.5	378
238	IPC 1500	8,200	1962	8.00	16.48	SAME			31.5	378
240	SK 150 NEUTRAL	19,900	1962	11.00	27.20	CHANGE			58	700
241	ORTEK BASE OIL-150	10,500	1962	11.00	15.00	SAME			58	700
242	INFINEUM SL P 5066	12,000	1962	11.00	17.00	SAME			58	700
250	BLENDING TANK	7,500	1962	8.450	17.87	SAME	GRAVER	46309	35	420
251	BRANNEN SJ	6,200	1962	8.000	16.48	SAME			31.5	378
252	IPC 1500	10,500	1962	11.00	15.00	SAME			58	700

ATTACHMENT I

Release Information 7/14/10



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

Incident Inquiry Letter

July 28, 2010

Mr. Robert Kolar
Ortec Inc.
7601 W 47th St
McCook, IL 60525

Re: IEMA Incident 20100795/20100797, McCook, Cook County, Illinois

Dear Mr. Kolar,

On July 24, 2010, this office received information that you and/or an organization that you represent were involved in an environmental incident, which occurred at or near 7601 W 47th St on or before July 24, 2010. Our records currently indicate the involvement of 1,000 gallons of motor oil.

The Illinois Environmental Protection Agency (IEPA) is sending this Incident Inquiry Letter to request further information about the facts and circumstances related to the above referenced incident, pursuant to Section 4(h) of the Environmental Protection Act, 415 ILCS 5/4(h). The IEPA is also seeking information on any actions you have taken or plan to take in response to the incident. Please provide IEPA with the following, to the extent applicable to this incident:

- ☐ a description of what happened and how it happened
- ☐ any mitigation actions taken at the time of the incident
- ☐ a description of any additional cleanup and preventive actions planned
- ☐ if cleanup and disposal have not been completed when you submit your response to this Incident Inquiry Letter, include in your response an estimated time schedule for completing such actions. Upon completion, please submit a final report explaining cleanup actions and disposal.
- ☐ the specific information requested in the enclosed attachment(s)

A written response to this Incident Inquiry Letter is expected by August 27, 2010. If any remediation activities are not completed by this date, submit all information available and a schedule for the completion of the rest. The IEMA Incident number, city, county and responsible party name should be noted in all correspondence about this incident. Please submit one copy of your response to:

Rockford • 4302 N. Main St., Rockford, IL 61103 • (815) 987-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 608-3131

Bureau of Land - Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000

Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463

Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

Illinois Environmental Protection Agency
Office of Emergency Response
Emergency Operations Unit
1021 North Grand Avenue East
P.O. Box 19276, Mail Drop #29
Springfield, Illinois 62794-9276

Illinois Environmental Protection Agency
Emergency Operations Unit
9511 West Harrison
Des Plaines, Illinois 60016

If you have any questions regarding any of the above, please contact the undersigned at 847/294-4000.

Sincerely,



Don Klopke, Senior Emergency Responder
Emergency Operations Unit
Office of Emergency Response

cc: Incident File
Des Plaines EOU
John Waligore

ORTEK INC.

"Recycling for Tomorrow's Future"

August 5, 2010

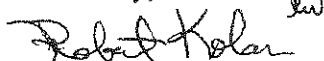
Illinois Environmental Protection Agency
Office of Emergency Operations Unit
1021 North Grand Avenue East
P.O. Box 19276, Mail Drop #29
Springfield, IL 62794-9276

Re: IEMA Incident 20100795/20100797, McCook, Cook County, Illinois

To Whom it may concern:

We are responding to the letter dated July 28, 2010, from the Illinois Environmental Protection Agency regarding Incident 20100795/20100797, McCook, Cook County, Illinois. The clean-up is being addressed by Anna VanOrden and we are complying. A full report will be submitted by Anna when the project has been completed.

Sincerely,



Robert Kolar
Plant Manager

cc: Mr. Don Klopke, Senior Emergency Responder
Illinois Environmental Protection Agency
9511 West Harrison
Des Plaines, IL 60016

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

August 13, 2010

Chicago Diversified Projects
6015 N. Ridge
Chicago, IL 60660
Telephone: (773) 465-7700
Fax: (773) 973-5073

RE: EC-7000

STAT Project No: 10080152

Dear Don Gors:

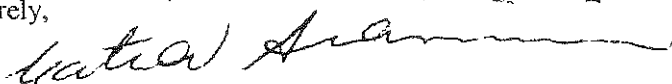
STAT Analysis received 9 samples for the referenced project on 8/5/2010 1:30:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Catia Giannini
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Client: Chicago Diversified Projects
Project: EC-7000
Lab Order: 10080152

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10080152-001A	#1 Soil		8/4/2010 8:00:00 PM	8/5/2010
10080152-002A	#2 Soil		8/4/2010 8:10:00 PM	8/5/2010
10080152-003A	#3 Soil		8/4/2010 8:15:00 PM	8/5/2010
10080152-004A	#4 Soil		8/4/2010 8:20:00 PM	8/5/2010
10080152-005A	#5 Soil		8/4/2010 8:25:00 PM	8/5/2010
10080152-006A	#6 Soil		8/4/2010 8:30:00 PM	8/5/2010
10080152-007A	#7 Soil		8/4/2010 8:35:00 PM	8/5/2010
10080152-008A	#8 Soil		8/4/2010 8:40:00 PM	8/5/2010
10080152-009A	#9 Soil		8/4/2010 8:45:00 PM	8/5/2010

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client: Chicago Diversified Projects
Lab Order: 10080152
Project: EC-7000
Lab ID: 10080152-001A

Client Sample ID: #1 Soil
Tag Number:
Collection Date: 8/4/2010 8:00:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
	SW8270C-SIM (SW3550B)			Prep Date: 8/11/2010		Analyst: VS
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Chrysene	ND	0.041		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.054	0.041		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/11/2010
Phenanthrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Pyrene	0.058	0.041		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS						
	SW8260B			Prep Date: 8/5/2010		Analyst: PS
Benzene	ND	0.0056		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0056		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.018		mg/Kg-dry	1	8/9/2010
Percent Moisture						
	D2974			Prep Date: 8/9/2010		Analyst: JP
Percent Moisture	20.2	0.2	*	wt%	1	8/10/2010

Qualifiers:
ND - Not Detected at the Reporting Limit
I - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client:	Chicago Diversified Projects	Client Sample ID:	#2 Soil
Lab Order:	10080152	Tag Number:	
Project:	EC-7000	Collection Date:	8/4/2010 8:10:00 PM
Lab ID:	10080152-002A	Matrix:	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
	SW8270C-SIM (SW3550B)			Prep Date: 8/11/2010		Analyst: VS
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	0.062	0.041		mg/Kg-dry	10	8/11/2010
Chrysene	ND	0.041		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.041	0.041		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/11/2010
Phenanthrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Pyrene	0.074	0.041		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS						
	SW8260B			Prep Date: 8/5/2010		Analyst: PS
Benzene	ND	0.0059		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0059		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0059		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.018		mg/Kg-dry	1	8/9/2010
Percent Moisture						
	D2974			Prep Date: 8/9/2010		Analyst: JP
Percent Moisture	20.0	0.2	*	wt%	1	8/10/2010

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client:	Chicago Diversified Projects	Client Sample ID:	#3 Soil
Lab Order:	10080152	Tag Number:	
Project:	EC-7000	Collection Date:	8/4/2010 8:15:00 PM
Lab ID:	10080152-003A	Matrix:	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
	SW8270C-SIM (SW3550B)		Prep Date: 8/11/2010		Analyst: VS	
Acenaphthene	0.042	0.038		mg/Kg-dry	10	8/11/2010
Acenaphthylene	0.042	0.038		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.038		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	0.042	0.038		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	10	8/11/2010
Chrysene	0.053	0.038		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.061	0.038		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.038		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	10	8/11/2010
Naphthalene	0.099	0.038		mg/Kg-dry	10	8/11/2010
Phenanthrene	0.08	0.038		mg/Kg-dry	10	8/11/2010
Pyrene	0.095	0.038		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS						
	SW8260B		Prep Date: 8/5/2010		Analyst: PS	
Benzene	ND	0.0051		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0051		mg/Kg-dry	1	8/9/2010
Ethylbenzene	0.0074	0.0051		mg/Kg-dry	1	8/9/2010
Xylenes, Total	0.033	0.015		mg/Kg-dry	1	8/9/2010
Percent Moisture						
	D2974		Prep Date: 8/9/2010		Analyst: JP	
Percent Moisture	14.1	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client:	Chicago Diversified Projects	Client Sample ID:	#4 Soil
Lab Order:	10080152	Tag Number:	
Project:	EC-7000	Collection Date:	8/4/2010 8:20:00 PM
Lab ID:	10080152-004A	Matrix:	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
	SW8270C-SIM (SW3550B)		Prep Date: 8/11/2010		Analyst: VS	
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/12/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/12/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/12/2010
Benz(a)anthracene	0.084	0.041		mg/Kg-dry	10	8/12/2010
Benzo(a)pyrene	0.079	0.041		mg/Kg-dry	10	8/12/2010
Benzo(b)fluoranthene	0.1	0.041		mg/Kg-dry	10	8/12/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/12/2010
Benzo(k)fluoranthene	0.063	0.041		mg/Kg-dry	10	8/12/2010
Chrysene	0.1	0.041		mg/Kg-dry	10	8/12/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/12/2010
Fluoranthene	0.17	0.041		mg/Kg-dry	10	8/12/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/12/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/12/2010
Phenanthrene	0.084	0.041		mg/Kg-dry	10	8/12/2010
Pyrene	0.18	0.041		mg/Kg-dry	10	8/12/2010
BTEX by GC/MS						
	SW8260B		Prep Date: 8/5/2010		Analyst: PS	
Benzene	ND	0.0071		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0071		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0071		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.021		mg/Kg-dry	1	8/9/2010
Percent Moisture						
	D2974		Prep Date: 8/9/2010		Analyst: JP	
Percent Moisture	20.8	0.2	*	wt%	1	8/10/2010

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter

- RL - Reporting / Quantitation Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client:	Chicago Diversified Projects	Client Sample ID:	#5 Soil
Lab Order:	10080152	Tag Number:	
Project:	EC-7000	Collection Date:	8/4/2010 8:25:00 PM
Lab ID:	10080152-005A	Matrix:	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
SW8270C-SIM (SW3550B)				Prep Date: 8/11/2010		Analyst: VS
Acenaphthene	ND	0.049		mg/Kg-dry	10	8/12/2010
Acenaphthylene	ND	0.049		mg/Kg-dry	10	8/12/2010
Anthracene	ND	0.049		mg/Kg-dry	10	8/12/2010
Benz(a)anthracene	0.14	0.049		mg/Kg-dry	10	8/12/2010
Benzo(a)pyrene	0.14	0.049		mg/Kg-dry	10	8/12/2010
Benzo(b)fluoranthene	0.13	0.049		mg/Kg-dry	10	8/12/2010
Benzo(g,h,i)perylene	0.065	0.049		mg/Kg-dry	10	8/12/2010
Benzo(k)fluoranthene	0.17	0.049		mg/Kg-dry	10	8/12/2010
Chrysene	0.16	0.049		mg/Kg-dry	10	8/12/2010
Dibenz(a,h)anthracene	ND	0.049		mg/Kg-dry	10	8/12/2010
Fluoranthene	0.31	0.049		mg/Kg-dry	10	8/12/2010
Fluorene	ND	0.049		mg/Kg-dry	10	8/12/2010
Indeno(1,2,3-cd)pyrene	0.055	0.049		mg/Kg-dry	10	8/12/2010
Naphthalene	ND	0.049		mg/Kg-dry	10	8/12/2010
Phenanthrene	0.14	0.049		mg/Kg-dry	10	8/12/2010
Pyrene	0.28	0.049		mg/Kg-dry	10	8/12/2010
BTEX by GC/MS						
SW8260B				Prep Date: 8/5/2010		Analyst: PS
Benzene	ND	0.0085		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0085		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0085		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.026		mg/Kg-dry	1	8/9/2010
Percent Moisture						
D2974				Prep Date: 8/9/2010		Analyst: JP
Percent Moisture	33.8	0.2	*	wt%	1	8/10/2010

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client:	Chicago Diversified Projects	Client Sample ID:	#6 Soil
Lab Order:	10080152	Tag Number:	
Project:	EC-7000	Collection Date:	8/4/2010 8:30:00 PM
Lab ID:	10080152-006A	Matrix:	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
	SW8270C-SIM (SW3550B)			Prep Date: 8/11/2010		Analyst: VS
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/12/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/12/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/12/2010
Benz(a)anthracene	0.058	0.041		mg/Kg-dry	10	8/12/2010
Benzo(a)pyrene	0.041	0.041		mg/Kg-dry	10	8/12/2010
Benzo(b)fluoranthene	0.075	0.041		mg/Kg-dry	10	8/12/2010
Benzo(g,h,i)perylene	0.066	0.041		mg/Kg-dry	10	8/12/2010
Benzo(k)fluoranthene	0.079	0.041		mg/Kg-dry	10	8/12/2010
Chrysene	0.075	0.041		mg/Kg-dry	10	8/12/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/12/2010
Fluoranthene	0.12	0.041		mg/Kg-dry	10	8/12/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/12/2010
Indeno(1,2,3-cd)pyrene	0.046	0.041		mg/Kg-dry	10	8/12/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/12/2010
Phenanthrene	0.058	0.041		mg/Kg-dry	10	8/12/2010
Pyrene	0.1	0.041		mg/Kg-dry	10	8/12/2010
BTEX by GC/MS						
	SW8260B			Prep Date: 8/5/2010		Analyst: PS
Benzene	ND	0.0062		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0062		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0062		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.019		mg/Kg-dry	1	8/9/2010
Percent Moisture						
	D2974			Prep Date: 8/9/2010		Analyst: JP
Percent Moisture	20.0	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client:	Chicago Diversified Projects	Client Sample ID:	#7 Soil
Lab Order:	10080152	Tag Number:	
Project:	EC-7000	Collection Date:	8/4/2010 8:35:00 PM
Lab ID:	10080152-007A	Matrix:	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
	SW8270C-SIM (SW3550B)			Prep Date: 8/11/2010		Analyst: VS
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	0.075	0.041		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	0.083	0.041		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	0.075	0.041		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	0.1	0.041		mg/Kg-dry	10	8/11/2010
Chrysene	0.092	0.041		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.17	0.041		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/11/2010
Phenanthrene	0.075	0.041		mg/Kg-dry	10	8/11/2010
Pyrene	0.14	0.041		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS						
	SW8260B			Prep Date: 8/5/2010		Analyst: PS
Benzene	ND	0.0066		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0066		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0066		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.02		mg/Kg-dry	1	8/9/2010
Percent Moisture						
	D2974			Prep Date: 8/9/2010		Analyst: JP
Percent Moisture	20.3		*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client:	Chicago Diversified Projects	Client Sample ID:	#8 Soil
Lab Order:	10080152	Tag Number:	
Project:	EC-7000	Collection Date:	8/4/2010 8:40:00 PM
Lab ID:	10080152-008A	Matrix:	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
	SW8270C-SIM (SW3550B)			Prep Date: 8/11/2010		Analyst: VS
Acenaphthene	ND	0.044		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.044		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.044		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	0.075	0.044		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	0.075	0.044		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	0.084	0.044		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.044		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	0.066	0.044		mg/Kg-dry	10	8/11/2010
Chrysene	0.084	0.044		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.044		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.15	0.044		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.044		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.044		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.044		mg/Kg-dry	10	8/11/2010
Phenanthrene	0.066	0.044		mg/Kg-dry	10	8/11/2010
Pyrene	0.14	0.044		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS						
	SW8260B			Prep Date: 8/5/2010		Analyst: PS
Benzene	ND	0.0057		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0057		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0057		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/9/2010
Percent Moisture						
	D2974			Prep Date: 8/9/2010		Analyst: JP
Percent Moisture	24.5	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010

Print Date: August 13, 2010

Client:	Chicago Diversified Projects	Client Sample ID:	#9 Soil
Lab Order:	10080152	Tag Number:	
Project:	EC-7000	Collection Date:	8/4/2010 8:45:00 PM
Lab ID:	10080152-009A	Matrix:	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
	SW8270C-SIM (SW3550B)		Prep Date: 8/11/2010		Analyst: VS	
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	0.05	0.041		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Chrysene	ND	0.041		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.083	0.041		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/11/2010
Phenanthrene	0.042	0.041		mg/Kg-dry	10	8/11/2010
Pyrene	0.066	0.041		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS						
	SW8260B		Prep Date: 8/5/2010		Analyst: PS	
Benzene	ND	0.0058		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0058		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0058		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.018		mg/Kg-dry	1	8/9/2010
Percent Moisture						
	D2974		Prep Date: 8/9/2010		Analyst: JP	
Percent Moisture	20.3	0.2	*	wt%	1	8/10/2010

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation

2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386

e-mail address: STATinfo@STATAnalysis.com

AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

 N^o:

 Page: ONE of ONE

Company: <u>CHICAGO DIVERSIFIED PROJECTS INC.</u>					P.O. No.:	
Project Number: <u>EC-7000</u>			Client Tracking No.:			
Project Name:					Quote No.:	
Project Location:					Turn Around: Results Needed am/pm	
Sampler(s): <u>DON GORS</u>						
Report To: <u>CHICAGO DIVERSIFIED</u> Phone: <u>773-465-7700</u>						
Fax: <u>773-973-5073</u>						
QC Level: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>			e-mail:			
Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp	Grab	No. of Containers
#1 SOIL	8-4-10	8:00				
#2 SOIL		8:10				
#3 SOIL		8:15				
#4 SOIL		8:20				
#5 SOIL		8:25				
#6 SOIL		8:30				
#7 SOIL		8:35				
#8 SOIL		8:40				
#9 SOIL		8:45				
Relinquished by: (Signature) <u>[Signature]</u>			Date/Time: <u>8-5-10 1:30</u>		Comments: Preservation Code: A = None B = HNO ₃ C = NaOH D = H ₂ SO ₄ E = HCl F = 5035/EnCote G = Other	
Received by: (Signature) <u>[Signature]</u>			Date/Time: <u>8/5/10 1:30</u>			
Relinquished by: (Signature) <u>[Signature]</u>			Date/Time:			
Received by: (Signature) <u>[Signature]</u>			Date/Time:			
Relinquished by: (Signature)			Date/Time:			
Received by: (Signature)			Date/Time:			

Sample Receipt Checklist

Client Name CDP

Date and Time Received: 8/5/2010 1:30:00 PM

Work Order Number 10080152

Received by: CDF

Checklist completed by:

Reviewed by:

Signature

Date

Initials

Date

Matrix:

Carrier name: Client Delivered

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☐

No ☐

Not Present ☒

Custody seals intact on sample bottles?

Yes ☐

No ☐

Not Present ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels/containers?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Container or Temp Blank temperature in compliance?

Yes ☒

No ☐

Temperature 1.3 °C

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - Samples pH checked?

Yes ☒

No ☐

Checked by:

Water - Samples properly preserved?

Yes ☐

No ☐

pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person
contacted:

Date contacted:

Contacted by:

Response:

Laboratory ID :
 Client Sample ID :
 Date Collected :

			Construction Worker Exposure Limits		
			Construction Worker Exposure Limits		
			Construction Worker Exposure Limits		
			Construction Worker Exposure Limits		
CAS No.	Analyte		Ingestion	Inhalation	ADL
BTEX 71-43-2	Benzene		12	0.8	0.03
108-88-3	Toluene		16,000	650 / 42*	12
100-41-4	Ethylbenzene		7,800	400 / 58*	13
1330-20-7	Xylenes, Total		16,000	320 / 5.6*	150
PNA 83-32-9	Acenaphthene		4,700	---	570
208-96-8	Acenaphthylene				2,900
120-12-7	Anthracene		23,000	---	12,000
56-55-3	Benz(a)anthracene		0.9	---	59,000
50-32-8	Benzo(a)pyrene		0.09	---	2
205-99-2	Benzo(b)fluoranthene		0.9	---	8
191-24-2	Benzo(g,h,i)perylene				82
207-08-9	Benzo(k)fluoranthene		9	---	5
218-01-9	Chrysene		88	---	25
53-70-3	Dibenz(a,h)anthracene		0.09	---	49
206-44-0	Fluoranthene		3,100	---	160
86-73-7	Fluorene		3,100	---	800
193-39-5	Indeno(1,2,3-cd)pyrene		0.9	---	2
91-20-3	Naphthalene		1,600	170 / 1.8*	7.6
85-01-8	Phenanthrene				4,300
129-00-0	Pyrene		2,300	---	560
					2,800
					14
					69
					18
					21,000

* - Construction Worker Inhalation Objective from Appendix B, Table B.

10080152-001	10080152-002	10080152-003	10080152-004	10080152-005	10080152-006
#1 Soil	#2 Soil	#3 Soil	#4 Soil	#5 Soil	#6 Soil
08/04/2010 20:00	08/04/2010 20:10	08/04/2010 20:15	08/04/2010 20:20	08/04/2010 20:25	08/04/2010 20:30

< 0.0056	< 0.0059	< 0.0051	< 0.0071	< 0.0085	< 0.0062
< 0.0056	< 0.0059	< 0.0051	< 0.0071	< 0.0085	< 0.0062
< 0.0056	< 0.0059	0.0074	< 0.0071	< 0.0085	< 0.0062
< 0.018	< 0.018	0.033	< 0.021	< 0.026	< 0.019
< 0.041	< 0.041	0.042	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	0.042	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	< 0.038	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	0.042	0.084	0.14	0.058
< 0.041	< 0.041	< 0.038	0.079	0.14	0.041
< 0.041	< 0.041	< 0.038	0.1	0.13	0.075
< 0.041	< 0.041	< 0.038	< 0.041	0.065	0.066
< 0.041	0.062	< 0.038	0.063	0.17	0.079
< 0.041	< 0.041	0.053	0.1	0.16	0.075
< 0.041	< 0.041	< 0.038	< 0.041	< 0.049	< 0.041
0.054	0.041	0.061	0.17	0.31	0.12
< 0.041	< 0.041	< 0.038	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	< 0.038	< 0.041	0.055	0.046
< 0.041	< 0.041	0.099	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	0.08	0.084	0.14	0.058
0.058	0.074	0.095	0.18	0.28	0.1

10080152-007	10080152-008	10080152-009
#7 Soil	#8 Soil	#9 Soil
08/04/2010 20:35	08/04/2010 20:40	08/04/2010 20:45

< 0.0066	< 0.0057	< 0.0058
< 0.0066	< 0.0057	< 0.0058
< 0.0066	< 0.0057	< 0.0058
< 0.02	< 0.017	< 0.018
< 0.041	< 0.044	< 0.041
< 0.041	< 0.044	< 0.041
< 0.041	< 0.044	< 0.041
0.075	0.075	< 0.041
0.083	0.075	< 0.041
0.075	0.084	0.05
< 0.041	< 0.044	< 0.041
0.1	0.066	< 0.041
0.092	0.084	< 0.041
< 0.041	< 0.044	< 0.041
0.17	0.15	0.083
< 0.041	< 0.044	< 0.041
< 0.041	< 0.044	< 0.041
< 0.041	< 0.044	< 0.041
0.075	0.066	0.042
0.14	0.14	0.066

ATTACHMENT J

Special Waste Annual Report



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

Illinois Nonhazardous Special Waste Annual Report Site Information Form

(This form must be completed for each site that submits an annual report)

Reporting Year: 2010

Site Information:

Site IEPA Identification Number: 0311740002

Site Name: Ortek Inc.

Site Street Address: 7601 W. 47th St.

Site City: McCook

Site State: IL Site Zip Code: 60625 Site Telephone: 708-762-5117

Check one of the following, if applicable: If checked, no other forms are required to be completed.

☐ **Generator** - No nonhazardous special waste was shipped to an out of state TSDR Facility in this reporting year.

☐ **Facility TSDR** - No nonhazardous special waste was received at this TSDR Facility in this reporting year.

Site Mailing Address Information:

(Complete the following information only if site mailing label is incorrect.)

Company: _____ Telephone: _____

Contact Person: _____

Street Address: _____ P. O. Box: _____

City: _____ State: _____ Zip Code: _____

Annual Report Certification

I certify under penalty of law that I have examined and am familiar with the information submitted in this and any attached continuation sheets or other attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete, I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(b).)

Name (print/type): Lowell Aughenbaugh Telephone: 708-762-5117

Signature: L. Aughenbaugh Date: 8/10/11

This Agency is authorized to require this information under Illinois Revised Statutes, 1989, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000 for each day the failure continued, a fine up to \$50,000 and imprisonment up to 5 years. This form has been approved by Permit Management Center.

Rockford • 4302 N. Main St., Rockford, IL 61103 • (815) 967-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 608-3131

Bureau of Land • Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000

Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463

Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

IL 532-2615
LPC 578
11/10



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

Illinois Facility Nonhazardous Special Waste 2010 Annual Report

Facility IEPA Number, Name & Address

Page 1 of 2
Unit of
measure = gallons

Record Field	Management Code	Generator Name & Address (Address must match ID #)	Generator IEPA ID #	Waste Code	Quantity	UOM	Comments
A.	13/14	ORTOK <u>total processed</u> <u>Rec'd</u> <u>IAC 739.157 (b)</u>	<u>IAC 739.157 (b)</u>	13/14	310,753	1	used oil
B.	13/14	<u>total rec'd/processed</u> <u>by Ortek</u> <u>IAC 739.157 (b)</u>	"	13/14	4,238,800	1	oil waste water
C.	13/14	<u>total rec'd/processed</u> <u>by Ortek</u> <u>IAC 739.157 (b)</u>	"	13/14	186,350	1	emulsified coolant metal work
D.							
E.							
F.							
G.							
H.							
I.							
J.							

IL 532-1952
7661-1952

Rockford • 4302 N. Main St., Rockford, IL 61103 • (815) 987-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 600-3131

Bureau of Land • Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Main Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000

Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-3403

Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

Nonhazardous Special Waste Annual Report

Facility Instructions: Please print or type report. Photocopy form as needed.

This Nonhazardous Annual Report is required under the Illinois Environmental Protection Act 22.01 and 35 Illinois Administrative Code 809.501(j). This regulation requires you to report the types and quantities of nonhazardous special waste treated, stored, disposed or recycled at your facility, and to identify the generators of this waste. Please note that Polychlorinated Biphenyls (PCB's) must be included on this report.

Reports are due at the IEPA by February 1 of each year. This report shall SUMMARIZE all nonhazardous special waste received the previous year (1-1-10 thru 12-31-10). Do not list individual manifest quantities. Do not send copies of the manifests; they are not required. If no waste was received at your facility, check the appropriate field on the Site Information form, sign and return form to the Agency.

Waste streams that became subject to the non-hazardous non-liquid exemption must still be reported if the required certification was not completed.

FACILITY IEPA NUMBER, NAME AND ADDRESS:

Please make address and/or name changes on the Site Information form if necessary.

MANAGEMENT CODE: From the list below select the one code (number) that best identifies the *final management of the waste at your facility*.

- 01 Metals recovery
- 02 Solvent recovery
- 03 Other recovery (e.g. antifreeze regeneration)
- 04 Incineration
- 05 Energy recovery (burning to recover BTU value)
- 06 Fuel blending (blending waste to fuel specs)
- 07 Treatment (chemical, physical, or biological)
- 08 Land treatment, application
- 09 Landfill
- 10 Transfer station
- 11 Storage (long-term)
- 12 Other (Indicate description in comments)
- 13 Used oil regeneration
- 14 Used oil on-spec fuel blending
- 15 Used oil off-spec fuel blending
- 16 Used oil incorporation into haz-waste fuel blending

GENERATOR NAME AND ADDRESS: Complete for each generator from which waste was received. Write the generator name and address where the waste was generated, not the mailing address.

GENERATOR IEPA ID NUMBER: Write the corresponding IEPA ID Number for each generator listed. Generators address must match the ID Number.

WASTE CODE: Select the code (number) that best corresponds to the description of waste; write the code in the space provided.

NO RCRA HAZARDOUS WASTE TO BE INCLUDED

- 01 Leaking Underground Storage Tank (LUST) contaminated soil, sand and clay
- 02 Other contaminated soil, sand or clay
- 03 Other contaminated materials
- 04 PCB1 solids (capacitors, transformer carcasses)
- 05 PCB2 liquids (transformer and capacitor

oils, etc.)

- 06 Lab Packs
- 07 Leachate
- 08 Ashes, Incinerator or boiler
- 09 Municipal waste water treatment sludges
- 10 Industrial waste water treatment sludges
- 11 Food processing wastes & Off-spec food products
- 12 Antifreeze
- 13 Waste/used oil
- 14 Other organic liquids
- 15 Other organic solids or sludges
- 16 Liquids with other metals
- 17 Solids or sludges with other metals
- 18 Other inorganic liquids
- 19 Other inorganic solids or sludges
- 20 Containerized gas
- 21 Household Hazardous Waste from collections

QUANTITY TOTAL: Write the total volume in either gallons or cubic yards for the reporting period.

UNIT OF MEASURE: Enter 1 for gallons or 2 for cubic yards.

COMMENTS: Check the comment field if you have any comments or remarks. Indicate your written comments on a separate page and reference the record field and the page number for each comment.

SITE INFORMATION FORM: This form must be completed for each site that submits an annual report.

NO WASTE RECEIVED: With the additional exemption for non-liquid nonhazardous wastes with generator certification, your facilities may not have managed any special waste in 2008. If this is true at your facility, please indicate so on the Site Information form, and sign the certification.

CERTIFICATION BY FACILITY: The owner, operator or an authorized representative must sign and date the certification on the Site Information form.

HAULER INFORMATION FORM: List all haulers and their 4-digit IL SWH permit number or their Uniform Program Permit ID number, who delivered waste to your facility.

DISTRIBUTION OF COPIES

Send the original report to the address below:

Illinois Environmental Protection Agency
Bureau of Land (#24)
Annual Reports and Data Collection Unit
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

OVERNIGHT MAILING ADDRESS:

1021 North Grand Ave East
Springfield, Illinois 62702

KEEP A COPY OF THE REPORT FOR YOUR RECORDS; IT IS REQUIRED TO BE KEPT ON-SITE FOR THREE YEARS.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 014-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

2010 Illinois Nonhazardous Special Waste Annual Report Hauler Information

Page 2 of 2

Record Field	Hauler Permit ID Number	Hauler Name	Hauler Address, City, State and Zip Code	Comments
A.	<u>UPM-350461</u>	<u>North Branch Environmental</u>	<u>7 North 458 Garden Ave.</u> <u>Roselle, IL 60172</u>	
B.	<u>3922</u>	<u>Future Environmental</u>	<u>19701 So. 97th Ave.</u> <u>Mokena, IL 60448</u>	
C.	<u>UPW-0758-189-IL</u>	<u>RS Used Oil</u>	<u>25903 So. Ridgeland</u> <u>Monee, IL 60449</u>	
D.	<u>484475</u>	<u>HazChem Environmental Corp.</u>	<u>1115 W. National Ave.</u> <u>Addison, IL 60101</u>	
E.	<u>1047</u>	<u>Duke's Oil Service</u>	<u>783 Fairway Dr.</u> <u>Bensenville, IL 60106</u>	
F.	<u>0344</u>	<u>Southwest Oil Services</u>	<u>17348 Deercreek Dr.</u> <u>Orland Park, IL 60467</u>	
G.	<u>5024</u>	<u>Illinois Recovery Group</u>	<u>445 Roosevelt St.</u> <u>Morris, IL 60450</u>	
H.	<u>4886</u>	<u>Turn-Key Environmental</u>	<u>750 Almar Parkway Suite 201</u> <u>Bourbonnais, IL 60914</u>	

IL 532-2045

Rockford • 4301 N. Main St., Rockford, IL 61103 • (815) 937-7760

Elgin • 595 S. State, Elgin, IL 60123 • (847) 606-3131

Bureau of Land - Peoria • 7620 N. University St., Peoria, IL 61614 • (309) 693-5462

Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

Des Plaines • 9511 W. Harrison St., Des Plaines, IL 60016 • (847) 294-4000

Peoria • 5415 N. University St., Peoria, IL 61614 • (309) 693-5463

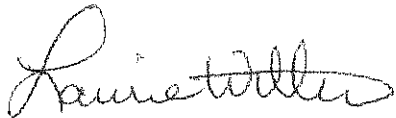
Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

August 10, 2011

To whom it may concern:

Lowell Aughenbaugh will be out of state for the next several months.
He has given me authorization to sign on his behalf.



Laurie Witter
Office Manager
Ortek, Inc.

ATTACHMENT K

Sample Analysis

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS 5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	Client Name: Ortek Inc Street Address: 7601 W 47 th St City, State, Zip: McCook, IL 60525
--	---

INVOICE No.	49400	DATE RECEIVED	07-08-2011
LAB REFERENCE No.	2011-07-136	DATE/TIME COLLECTED	07-07-2011@2:30pm
AUTHORIZED BY	Bob Kolav	MATRIX TYPE	Liquid
PRODUCT ID	WO 4,5,6,101		

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULTS
PCB'S, PPM	S.W. 8082	0.50	BRL
Heavy Metals, PPM			
Arsenic	EPA-6010	0.50	BRL
Barium	EPA-6010	0.10	9.02
Cadmium	EPA-6010	0.10	BRL
Chromium	EPA-6010	0.15	179
Lead	EPA-6010	0.39	5.07
Mercury	EPA-6010	0.17	BRL
Selenium	EPA-6010	0.63	BRL
Silver	EPA-6010	0.13	BRL

Daniel Zabihl
QA Manager

Date: 07-08-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCs).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAP FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.**CERTIFICATE OF ANALYSIS**

LABORATORY ADDRESS 5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	Client Name: Ortek Inc Street Address: 7601 W 47 th St City, State, Zip: McCook, IL 60525
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INVOICE No.	49400	DATE RECEIVED	07-08-2011
LAB REFERENCE No.	2011-07-134	DATE/TIME COLLECTED	07-07-2011@2:00pm
AUTHORIZED BY	Bob Kolav	MATRIX TYPE	Liquid
PRODUCT ID	Glycol 324,325,410,411		

	TEST METHOD	REPORTING LIMIT	TEST RESULTS
Heavy Metals, PPM			
Arsenic	EPA-6010	0.50	25.28
Barium	EPA-6010	0.10	0.15
Cadmium	EPA-6010	0.10	BRL
Chromium	EPA-6010	0.15	BRL
Lead	EPA-6010	0.39	1.00
Mercury	EPA-6010	0.17	BRL
Selenium	EPA-6010	0.63	BRL
Silver	EPA-6010	0.13	BRL

Daniel Zabihi
QA Manager

Date: 07-08-2011



PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # A20630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAP FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

PRECISION PETROLEUM LABS, INC.**CERTIFICATE OF ANALYSIS**

LABORATORY ADDRESS 5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	Client Name: Ortek Inc Street Address: 7601 W 47 th St City, State, Zip: McCook, IL 60525
--	---

INVOICE No.	49400	DATE RECEIVED	07-08-2011
LAB REFERENCE No.	2011-07-135	DATE/TIME COLLECTED	07-07-2011@2:20pm
AUTHORIZED BY	Bob Kolav	MATRIX TYPE	Liquid
PRODUCT ID	Oil 503		

PARAMETER
PCB's, PPM

**TEST
METHOD**
S.W. 8082

**REPORTING
LIMIT**
0.50

**TEST
RESULT**
BRL

Daniel Zabithi
QA Manager

Date: 07-08-2011



PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCs).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.'S RESPONSIBILITY FOR THE ABOVE ANALYSIS, OPINIONS OR INTERPRETATIONS IS LIMITED TO THE INVOICE AMOUNT. RESULTS ARE REPORTED ON AN "AS IS" BASIS, UNLESS OTHERWISE NOTED. THE TEST RESULTS RELATE ONLY TO THE SUBMITTED SAMPLE IDENTIFIED ON THIS REPORT. TEST RESULTS MEET ALL REQUIREMENTS OF NELAP FOR TESTS LISTED ON THE LABORATORY'S CURRENT FIELDS OF ACCREDITATION (EPA 1010, 6010, 8082, 8260, and 9075).

ATTACHMENT L

Checklist

Ortek

12/21/11

and 1/30/12

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	<input type="checkbox"/> Violation <input type="checkbox"/> Violation
	PART 739: STANDARDS FOR THE MANAGEMENT OF USED OIL	
	SUBPART B: APPLICABILITY	
	Note: Used oil not exceeding any specification level of Section 739.111 is subject only to Sections 739.172, 739.173 and 739.174(b).	
	Section 739.112 Prohibitions	
739.112(a)	a) Is used oil being managed only in a surface impoundment or waste pile that is regulated under Parts 724 or 725? Yes _____ No _____ N/A <u>X</u>	739.112(a)
739.112(b)	b) Is used oil being used as a dust suppressant? Yes _____ No <u>X</u> N/A <u>X</u>	739.112(b)
739.112(c)	c) Is off-spec oil fuel burned for energy recovery in only industrial furnaces identified in Section 720.111, utility boilers, or used oil fired space heaters that meet the provisions of Section 739.123? Yes _____ No _____ N/A <u>X</u>	739.112(c)
	SUBPART C: STANDARDS FOR USED OIL GENERATORS <i>Permitted to some many gallons year but don't use for all gas boilers everything</i>	
739.121(a)	Section 739.121 Hazardous Waste Mixing Is the generator mixing hazardous waste with used oil only as provided in Section 739.110(b)(2)(B) and (C)? Yes _____ No _____ N/A _____	739.121(a)
739.121(b)	If "Yes", is the generator of a used oil containing greater than 1000 ppm total halogens managing the used oil as a hazardous waste unless the presumption is rebutted (i.e. analytical data is available)? <i>Small amounts of solvents to be determined</i> Yes _____ No _____ N/A _____	739.121(b)
739.122(a)	Section 739.122 Used Oil Storage Does the generator only store used oil in tanks, containers, or units subject to regulation under Parts 724 or 725? <i>Processor</i> Yes _____ No _____ N/A _____	739.122(a)
739.122(b)	Are containers and aboveground tanks used by a generator (to store used oil) in good condition with no visible leaks? Yes _____ No _____ N/A _____	739.122(b)
739.122(c)	Are containers, aboveground tanks, and fill pipes used for underground tanks labeled or marked "Used Oil"? Yes _____ No _____ N/A _____	739.122(c)
739.122(d)	Has the generator, upon detection of a release of used oil, done the following: 1) stopped the release; and 2) contained the release; and 3) cleaned up and managed the used oil and other materials; and 4) repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes _____ No _____ N/A _____	739.122(d)
739.123(a)	Section 739.123 On-Site Burning in Space Heaters Is the generator burning used oil in used oil fired space heaters only when: 1) the heater burns only used oil that the owner or operator generates or used oil received from household do-it-yourselfers (DIY) generators; and 2) the heater is designed to have a maximum capacity of not more than 0.5 million Btu per hour; and 3) the combustion gases from the heater are vented to the ambient air? <i>Processor</i> Yes _____ No _____ N/A <u>X</u>	739.123(a)
739.124	Section 739.124 Off-Site Shipments Has the generator ensured that the used oil is hauled only by transporters that have obtained a USEPA ID # and an IEPA special waste ID # pursuant to Part 809, unless the generator qualifies for an exemption pursuant to Part 739 (self transportation to aggregate points owned by the generator or tolling agreements)? Yes _____ No _____ N/A _____ <i>processor</i>	739.124

needs further evaluation

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
	SUBPART D: STANDARDS FOR USED OIL COLLECTION CENTERS	
739.130(b)	Section 739.130 Do-It-Yourself (DIY) Used Oil Collection Centers <i>no more DIY</i> Does the DIY collection center comply with the generator standards in Subpart C of Part 739? Yes _____ No _____ N/A <u>✓</u>	739.130(b)
739.131(b)	Section 739.131 Used Oil Collection Centers Is the used oil collection center in compliance with the generator standards in Subpart C of Part 739 and registered by the Agency to manage used oil? Yes _____ No _____ N/A <u>✓</u>	739.131(b)
739.132(b)	Section 739.132 Used Oil Aggregation Points Owned by the Generator Does the owner/operator of a used oil aggregation point comply with all standards in Subpart C of Part 739? Yes _____ No _____ N/A <u>✓</u>	739.132(b)
739.141(a)	SUBPART E: STANDARDS FOR USED OIL TRANSPORTER AND TRANSFER FACILITIES Section 739.141 Restrictions on transporters who are not also processors <i>Not Transporters</i> Has the used oil transporter who processes used oil complied with the requirements for processors in Subpart F [except as provided in subsection 739.141(b)]? Yes _____ No _____ N/A <u>✓</u>	739.141(a)
739.141(b)	Note: Used oil transporters may consolidate or aggregate loads of used oil for purposes of transportation. Has the transporter who conducts incidental processing operations that occur in the normal course of transportation (e.g. settling and water separation), but that are not designed to produce (or make more amenable for production of) used oil derived products, complied with the processor requirements in Subpart F? Yes _____ No _____ N/A <u>✓</u>	739.141(b)
739.142(a)	Section 739.142 Notification Has the used oil transporter complied with the notification requirements of RCRA Section 3010 and obtained an IEPA special waste ID #? Yes _____ No _____ N/A <u>✓</u>	739.142(a)
739.143(a)	Section 739.143 Used Oil Transportation <i>Not Transporters</i> Has the used oil transporter delivered all used oil to: 1) another used oil transporter that has a USEPA ID # and an IEPA special waste ID #; or 2) a used oil processing facility that has a USEPA ID # and an IEPA special waste ID #; or 3) an off-spec used oil burning facility that has a USEPA ID # and an IEPA special waste ID #; or 4) an on-spec used oil burning facility? Yes _____ No _____ N/A <u>✓</u>	739.143(a)
739.143(b)	Has the used oil transporter complied with all applicable packaging and labeling, as well as applicable hazardous material regulations of the USDOT regulations of 49 CFR Parts 171 through 180?	739.143(b)
739.143(c)	Has the used oil transporter who has a discharge of used oil taken appropriate actions as outlined in Part 739? Yes _____ No _____ N/A <u>✓</u>	739.143(c)
739.144(a)	Section 739.144 Rebuttable Presumption Has the used oil transporter determined whether the total halogen content of the used oil transported or stored at a transfer facility is above or below 1000 ppm? Yes _____ No _____ N/A <u>✓</u>	739.144(a)
739.144(d)	Has the used oil transporter retained all records of analysis and information used to comply with this Section for at least 3 years? Yes _____ No _____ N/A <u>✓</u>	739.144(d)

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
739.145	<p>Section 739.145 Used Oil Storage at Transfer Stations</p> <p>Has the owner/operator of a used oil transfer facility:</p> <p>b) only stored used oil in tanks, containers, or units subject to regulation under Parts 724 or 725? Yes _____ No <u>X</u> N/A _____</p> <p>c) only stored used oil in containers and aboveground tanks that are in good condition, with no visible leaks? Yes <u>X</u> No _____ N/A _____</p> <p>d) provided for secondary containment for containers as required by this Subsection? Yes _____ No _____ N/A <u>X</u></p> <p>e) provided for secondary containment for existing aboveground tanks as required by this Subsection? Yes <u>X</u> No <u>X</u> N/A _____</p> <p>f) provided for secondary containment for new aboveground tanks as required by this Subsection? Yes _____ No _____ N/A <u>X</u></p> <p>g) labeled all containers, aboveground tanks, and fill pipes used for underground tanks with the words "Used Oil"? Yes <u>X</u> No _____ N/A _____</p> <p>h) upon detection of a release of used oil, done the following: 1) stopped the release; and 2) contained the release; and 3) cleaned up and managed the used oil and other material; and 4) repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes <u>X</u> No <u>X</u> N/A _____</p>	<p>739.145</p> <p>Tanks 7+6 Storage few days to weeks no secondary containment pad but no walls</p> <p>Tank 400 Future 35 day 45 days</p> <p>Tanks 7+6 NO 2ndary contain what Tank 400 does Small release not cleaned up</p>
739.146(a)	<p>Section 739.146 Tracking</p> <p>Has the used oil transporter kept a record of each used oil shipment that includes:</p> <p>1) the name and address of the generator, transporter, or processor (GTP) who provided the used oil for transport; and 2) the USEPA ID # and IEPA special waste ID # of the GTP that provided the used oil; and 3) the quantity of used oil accepted; and 4) the date accepted; and 5) the signature of a representative of the GTP that provided the used oil? Yes <u>X</u> No _____ N/A _____</p>	<p>739.146(a)</p> <p>records reviewed yes</p>
739.146(b)	<p>Has the used oil transporter kept a record of each shipment of used oil that is delivered to another used oil transporter, burner, processor, or disposal facility that includes:</p> <p>1) the name and address of the receiving facility or transporter; and 2) the USEPA ID # and IEPA special waste ID # of the receiving facility or transporter; and 3) the quantity of used oil delivered; and 4) the date of delivery; and 5) the signature of a representative of the receiving facility or transporter? Yes _____ No _____ N/A _____</p>	<p>739.146(b)</p> <p>Needs further evaluation</p>
739.146(c)	<p>Has the used oil transporter who exports used oil to a foreign country complied with this subsection? Yes _____ No _____ N/A _____</p>	<p>739.146(c)</p>
739.146(d)	<p>Has the used oil transporter retained all records required under this Section for at least 3 years? Yes _____ No _____ N/A _____</p>	<p>739.146(d)</p>
739.147	<p>Section 739.147 Management of Residues</p> <p>Does the used oil transporter who generates residues from the storage or transportation of used oil manage the residues as specified in Section 739.110? Yes _____ No <u>X</u> N/A _____</p>	<p>739.147</p>
739.151	<p>SUBPART F: STANDARDS FOR USED OIL PROCESSORS</p> <p>Section 739.151 Notification</p> <p>Has the used oil processor obtained a USEPA ID# and an IEPA special waste ID#? Yes <u>X</u> No _____ N/A _____</p>	<p>739.151</p>

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
739.152(a)	Section 739.152 General Facility Standards Has the owner/operator of a used oil processor and refiner: <ol style="list-style-type: none"> maintained and operated the facility to minimize the possibility of fire, explosion, or release of used oil; and <i>no</i> ensured that he is equipped with the equipment required in this Subsection; and <i>so they</i> tested and maintained equipment as required; and <i>All have cell phones</i> maintained access to communication or alarm system(s); and <i>not many drums</i> maintained the required aisle space; and <i>yes</i> maintained arrangements with local authorities? <i>yes</i> Yes <i>yes</i> No <i>X</i> N/A _____ <i>for 2 drums Terrell Garib Fire Dept CD at stuff</i>	739.152(a) <i>yes and no releases of oil observed</i>
739.152(b)	Has the owner/operator of a used oil processing and refining facility complied with the following requirements: <ol style="list-style-type: none"> developed a contingency plan; and <i>Y</i> ensured that the contingency plan complies with the requirements of this Section; and maintained and submitted to all local authorities copies of the contingency plan and all revisions; and? amended the contingency plan as applicable to this Subsection; and <i>-?</i> ensured that an emergency coordinator is on the premises or on call at all times to meet the requirements of this Subsection; and <i>Y</i> ensured that emergency procedures meet the requirements of this Subsection? <i>Y</i> Yes _____ No _____ N/A _____ <i>copy of contingency plan taken SPEC further evaluation needed</i>	739.152(b)
739.153	Section 739.153 Rebuttable Presumption Has the used oil processor determined whether the total halogen content of the used oil being transported or stored at a transfer facility is above or below 1000 ppm? Yes _____ No <i>✓</i> N/A _____ <i>see inspection report M & W attached</i>	739.153
739.154(a)	Section 739.154 Used Oil Management Has the owner/operator of a used oil processor: <ol style="list-style-type: none"> only stored used oil in tanks, containers, or units subject to regulation under Parts 724 or 725? Yes _____ No <i>X</i> N/A _____ 	739.154(a)
739.154(b)	<ol style="list-style-type: none"> stored used oil at a transfer facility only in containers and aboveground tanks that are in good condition with no visible leaks? Yes _____ No <i>X</i> N/A _____ 	739.154(b)
739.154(c)	<ol style="list-style-type: none"> provided secondary containment for containers as required by this Subsection? Yes _____ No <i>✓</i> N/A _____ <i>check no at off loading area 255 gallon drums</i> 	739.154(c)
739.154(d)	<ol style="list-style-type: none"> provided secondary containment for existing aboveground tanks as required by this Subsection? Yes _____ No <i>X</i> N/A _____ 	739.154(d)
739.154(e)	<ol style="list-style-type: none"> provided secondary containment for new aboveground tanks as required by this Subsection? Yes _____ No _____ N/A <i>X</i> <i>no new tanks</i> 	739.154(e)
739.154(f)	<ol style="list-style-type: none"> labeled or marked containers, aboveground tanks, and fill pipes used for underground tanks with the words "Used Oil"? Yes _____ No <i>✓</i> N/A _____ <i>check photos</i> 	739.154(f)
739.154(g)	<ol style="list-style-type: none"> done the following upon detection of a release of used oil: <ol style="list-style-type: none"> stopped the release; and contained the release; and cleaned up and managed the used oil and other materials; and repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes <i>X</i> No _____ N/A _____ <i>per Bobby Wilson</i> 	739.154(g) <i>needs further evaluation</i>
739.154(h)	<ol style="list-style-type: none"> closed aboveground tanks and containers in accordance with this Section? Yes _____ No _____ N/A <i>✓</i> <i>needs to be closed</i> 	739.154(h)
739.155	Section 739.155 Analysis Plan Has the owner/operator of a used oil processing and re-refining facility developed, kept on-site, and followed a	<i>some tanks not operating</i>

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
	written waste analysis plan describing the procedures that will be used to comply with the rebuttable presumption and on-spec Sections of this Part? Yes <u>✓</u> <i>pbm</i> No <u> </u> N/A <u> </u> <i>Followed? needs further evaluation</i>	739.155
739.156	Section 739.156 Tracking Has the used oil processor kept a record of each used oil shipment accepted for processing (i.e. invoice, manifest, bill of lading, or other) that includes: 1) the name and address of the transporter who delivered the used oil to the processor; and 2) the name and address of the generator or processor from whom the used oil was sent for processing; and 3) the IEPA special waste ID # of the transporter who delivered the used oil to the processor; and 4) the IEPA special waste ID #, if applicable, of the generator or processor from whom the used oil was sent for processing; and 5) the quantity of used oil shipped; and 6) the date of shipment? <i>per LW</i> Yes <u>X</u> No <u> </u> N/A <u> </u> <i>reviewed future material on 12/19</i>	739.156
739.156(b)	Has the used oil processor kept a record of each shipment of used oil that is delivered to a burner, processor, or disposal facility that includes: 1) the name and address of the transporter who delivers the used oil to the burner, processor or disposal facility; and 2) the name and address of the burner, processor, or disposal facility who will receive the used oil; and 3) the IEPA special waste ID # of the transporter who delivers the used oil to the burner, processor, or disposal facility; and 4) the IEPA special waste ID # of the burner, processor, or disposal facility who will receive the used oil; and 5) the quantity of used oil shipped; and 6) the date of shipment? <i>per LW</i> Yes <u>X</u> No <u> </u> N/A <u> </u> <i>review future records</i>	739.156(b)
739.156(c)	Have the records described in this Section been maintained for at least 3 years? Yes <u>X</u> No <u> </u> N/A <u> </u>	739.156(c)
739.157(a)	Section 739.157 Operating Record and Reporting Has the owner/operator kept a written operating record at the facility that contains the following: - records and results of oil analyses performed as described in the analysis plan required under Section 739.155? <i>on computer - needs further analysis</i> - summary reports and details of all incidents that require implementation of the contingency plan as specified in Section 739.152(b)? Yes <u>✓</u> No <u> </u> N/A <u> </u> <i>REAR 2 yrs Ago - Bob will email report</i>	739.157(a)
739.157(b)	Has the used oil processor reported to the Agency in the form of a letter, on a biennial basis by March 1, the following information: 1) the IEPA special waste ID #, name and address of the processor; and 2) the calendar year covered by the report; and 3) the quantities of used oil accepted for processing and the manner in which the used oil is processed, including the specific processes employed; and 4) the USEPA ID #? Yes <u>✓</u> No <u> </u> N/A <u> </u>	739.157(b)
739.158	Section 739.158 Off-Site Shipments of Used Oil Has the used oil processor who initiates a shipment of used oil off-site used a used oil transporter that has a USEPA ID # and an IEPA special waste ID #? Yes <u>X</u> No <u> </u> N/A <u> </u> <i>yes, records reviewed</i>	739.158
739.159	Section 739.159 Management of Residue Does the used oil processor who generates residues from the storage, processing, or re-refining of used oil manage the residues as specified in Section 739.110(e)? Yes <u> </u> No <u>X</u> N/A <u> </u> <i>look into reg.</i> <i>need to do waste determination</i>	739.159

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
739.161	SUBPART G: STANDARDS FOR USED OIL BURNERS WHO BURN OFF-SPEC USED OIL FOR ENERGY RECOVERY Section 739.161 Restriction on Burning Is off-spec oil fuel burned for energy recovery only in industrial furnaces identified in Section 720.111, utility boilers, used oil fired space heaters that meet the provisions of Section 739.123, or hazardous waste incinerators? Yes <u>12-2-11</u> <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.161
739.162	Section 739.162 Notification Has the used oil burner complied with the notification requirements of RCRA Section 3010 and obtained an IEPA special waste ID #? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.162
739.163(a)	Section 739.163 Rebuttable Presumption for Used Oil Has the used oil burner determined whether the total halogen content of the used oil being transported or stored at a transfer facility is above or below 1000 ppm? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.163(a)
739.163(d)	Has the used oil burner retained all records of analyses and information used to comply with this Section for at least 3 years? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.163(d)
739.164(a)	Section 739.164 Used Oil Storage Has the owner/operator of a used oil burning facility: a) only stored used oil in tanks, containers, or units subject to regulation under Parts 724 or 725? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.164(a)
739.164(b)	b) used only containers and aboveground tanks that are in good condition, with no visible leaks, to store used oil? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.164(b)
739.164(c)	c) provided secondary containment for containers as required by this Subsection? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.164(c)
739.164(d)	d) provided secondary containment for existing aboveground tanks as required by this Subsection? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.164(d)
739.164(e)	e) provided secondary containment for new aboveground tanks as required by this Subsection? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.164(e)
739.164(f)	f) labeled or marked all containers, aboveground tanks, and fill pipes used for underground tanks with the words "Used Oil"? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.164(f)
739.164(g)	g) upon detection of a release of used oil, done the following: 1) stopped the release; and 2) contained the release; and 3) cleaned up and managed the used oil and other materials; and 4) repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.164(g)
739.165(a)	Section 739.165 Tracking Has the used oil burner kept a record of each used oil shipment accepted for burning (i.e. log, invoice, manifest, bill of lading or other) that includes: 1) the name and address of the transporter who delivered the used oil to the burner; and 2) the name and address of the generator or processor from whom the used oil was sent to the burner; and 3) the IEPA special waste ID # of the transporter who delivered the used oil to the burner; and 4) the IEPA special waste ID #, if applicable, of the generator or processor from whom the used oil was sent to the burner; and 5) the quantity of used oil accepted; and 6) the date of acceptance? Yes <u>MB</u> No <u>12-2-11</u> N/A <u>MB</u>	739.165(a)

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
739.165(b)	Have the records described in this Section been maintained on-site for at least 3 years? Yes _____ No _____ N/A _____	739.165(b)
739.166(a)	Section 739.166 Notice Prior to accepting the first shipment of off-spec used oil fuel, has the used oil burner provided to the GTP a one-time written and signed notice certifying that: 1) the burner has notified the Agency stating the location and general description of the used oil management activities; and 2) the burner will burn used oil only in an industrial furnace or boiler identified in Section 739.161(a)? Yes _____ No _____ N/A _____	739.166(a)
739.166(b)	Has the certification been maintained for at least 3 years from the date the burner last received a shipment of used oil from the GTP? Yes _____ No _____ N/A _____	739.166(b)
739.167	Section 739.167 Management of Residue Does the used oil burner who generates residues from the storage, processing, or re-refining of used oil manage the residues as specified in Section 739.110(e)? Yes _____ No _____ N/A _____	739.167
739.171	SUBPART H: STANDARDS FOR USED OIL FUEL MARKETERS Section 739.171 Prohibitions Has the used oil fuel marketer initiated a shipment of off-spec used oil only to a used oil burner that has a USEPA ID # and an IEPA special waste ID # and burns the used oil in an industrial furnace or boiler as specified in Section 739.161(a)? Yes _____ No _____ N/A _____	739.171
739.172(b)	Section 739.172 On-Spec Used Oil Fuel Has the GTP or burner who claims that the used oil meets the specification for used oil fuel under this Part, kept copies of analyses or other information for at least 3 years? Yes _____ No _____ N/A _____	739.172(b)
739.173(a)	Section 739.173 Notification Has the used oil marketer complied with the notification requirements of RCRA Section 3010 and obtained an IEPA special waste ID #? Yes _____ No _____ N/A _____	739.173(a)
739.174(a)	Section 739.174 Tracking Has the used oil generator kept a record of each used oil shipment accepted for burning (i.e. log, invoice, manifest, bill of lading, or other) that includes: 1) the name and address of the transporter who delivered the used oil to the burner; and 2) the name and address of the burner who will receive the used oil; and 3) the IEPA special waste ID # of the transporter who delivered the used oil to the burner; and 4) the IEPA special waste ID # of the burner; and 5) the quantity of used oil shipped; and 6) the date of acceptance? Yes _____ No _____ N/A _____	739.174(a)
739.174(b)	Has the GTP or burner who claims that the used oil meets the fuel specification under Section 739.111 kept a record of each shipment of used oil to an on-spec used oil burner that includes the following: 1) the name and address of the facility receiving the shipment; and 2) the quantity of used oil fuel delivered; and 3) the date of shipment or delivery; and 4) a cross-reference to the record of used oil analyses or other information used to make the determination that the oil meets the specifications as required under Section 739.172(a)? Yes _____ No _____ N/A _____	739.174(b)
739.174(c)	Have the records described in this Section been maintained on-site for at least 3 years? Yes _____ No _____ N/A _____	739.174(c)

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
739.175(a)	<p>Section 739.175 Notices</p> <p>Before a used oil GTP directs the first shipment of off-spec used oil to a burner, has the generator obtained a one-time written and signed notice from the burner certifying that:</p> <ul style="list-style-type: none"> 1) the burner has notified the Agency stating the location and general description of used oil management activities; and 2) the burner will burn the off-spec used oil only in an industrial furnace or boiler identified in Section 739.161(a)? <p style="text-align: right;">Yes _____ No _____ N/A _____</p>	
	<p>COMMENTS:</p>	739.175(a)

TM:jab\739OIL.doc

ATTACHMENT M

Daily Logs and Manifests

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 1970505162		2. Page 1 of 1		3. Emergency Response Phone 1		4. Manifest Tracking Number 001608634 GBF			
		5. Generator's Name and Mailing Address ITD 20634 gaskind Lockport, IL 60441						Generator's Site Address (if different than mailing address)			
6. Transporter 1 Company Name TURN-KEY		U.S. EPA ID Number ILC000144500									
7. Transporter 2 Company Name		U.S. EPA ID Number									
8. Designated Facility Name and Site Address Ortek 7501 W. 47th Street Mareok, IL 60525 USA		U.S. EPA ID Number ILD000645785									
Facility's Phone: 708-762-5117											
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1.							3500			
	2.										
	3.										
	4.										
14. Special Handling Instructions and Additional Information <div style="text-align: center; font-size: 2em; margin-top: 20px;">96760</div>											
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.											
Generator's/Offor's Printed/Typed Name: Daniel Andujar Signature: [Signature] Month: 10 Day: 05 Year: 11											
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____											
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials										
	Transporter 1 Printed/Typed Name: Nick Hanrahan					Signature: [Signature] Month: 10 Day: 05 Year: 11					
Transporter 2 Printed/Typed Name					Signature					Month Day Year	
DESIGNATED FACILITY	18. Discrepancy										
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
	Manifest Reference Number: _____										
	18b. Alternate Facility (or Generator) U.S. EPA ID Number										
Facility's Phone: _____											
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. _____ 2. _____ 3. _____ 4. _____											
20. Designated Facility Owner or Operator: Certification of receipt of _____ as materials covered by the manifest except as noted in Item 18a											
Printed/Typed Name: Robert Kolac					Signature: [Signature] Month: 10 Day: 05 Year: 11						

DAILY RECEIVING LOG USED OILS

TANK# 101 DATE/TIME OPENED 10-2-01 OPENED BY _____

GALLONS @ OPENING _____

	GENERATOR	LOAD#	TICKET #	DATE\TIME	GALLONS	PCBs	H2O	CL
1.	ADT 10	1	10774	10-2-01	13075		7	1000
2.	ADT 10	2	10775	10-2-01	5912		7	1000
3.	ADT 10	3	10776	10-2-01	5910		7	1000
4.	ADT 10	4	10777	10-2-01	1400		6	1000
5.	ADT 10	5	10778	10-2-01	1400		6	1000
6.	ADT 10	6	10779	10-2-01	2500		7	1000
7.	ADT 10	7	10780	10-2-01	1200		7	1000

TOTAL GALLONS IN TANK AT CLOSING _____ DATE AND TIME TANK CLOSED _____

TANK CLOSED AND SECURED BY _____ TANK AGITATED BY _____ TANK SAMPLED BY _____

SUPERVISOR PAPERWORK AND SECURITY SIGN-OFF _____

LABORATORY

SUPERVISOR SIGN-OFF FROM PLANT YES _____ NO _____

CAN ACCOUNT FOR ALL TRUCK SAMPLES INCLUDED ON DAILY LOG YES _____ NO _____

INDIVIDUAL SAMPLES RUN FOR PCB'S YES _____ NO _____

ACCEPTABLE FOR REFINERY FEEDSTOCK YES _____ NO _____

IF ACCEPTABLE AUTHORIZED BY _____ DATE/TIME _____

PLANT

	GALS.OF	TO	FROM	TIME
	_____	_____	_____	TO _____
	_____	_____	_____	TO _____
	_____	_____	_____	TO _____

TANK EMPTY ON DATE _____ TIME _____ OPERATOR _____

Pg 2

DAILY RECEIVING LOG USED OILSTANK# 101 DATE/TIME OPENED 10-5-11 OPENED BY _____

GALLONS @ OPENING _____

	GENERATOR	LOAD#	TICKET #	DATE\TIME	GALLONS	PCBs	H2O	CL
1.	ITP	8	96760	10-5-11	3500		9	.7650
2.	ARTCO	9	96761	10-5-11	5995		7	0129
3.	THOMAS ENG	10	96762	10-5-11	2450		7	0690
4.								
5.								
6.								
7.								

TOTAL GALLONS IN TANK AT CLOSING _____ DATE AND TIME TANK CLOSED _____

TANK CLOSED AND SECURED BY _____ TANK AGITATED BY _____ TANK SAMPLED BY _____

SUPERVISOR PAPERWORK AND SECURITY SIGN-OFF _____

LABORATORY

SUPERVISOR SIGN-OFF FROM PLANT YES _____ NO _____

CAN ACCOUNT FOR ALL TRUCK SAMPLES YES _____ NO _____
INCLUDED ON DAILY LOG

INDIVIDUAL SAMPLES RUN FOR PCB'S YES _____ NO _____

ACCEPTABLE FOR REFINERY FEEDSTOCK YES _____ NO _____

IF ACCEPTABLE AUTHORIZED BY _____ DATE/TIME _____

PLANT

	GALS.OF	TO	FROM	TIME
				TO
				TO
				TO

TANK EMPTY ON DATE _____ TIME _____ OPERATOR _____

10/5

10/4/2011 4:01am

10/5/2011 4:11am

W/O S-CL BIO

Last restandardised 8/18/2011 2:14pm

OXFORD LAB-X 3000

ANALYSIS REPORT

10/5/2011 4:11am

Calibration title: W/O S-CL BIO

Sample: 96748

S CL

5918 cps 4461 cps

Sample 96748 = -0.0796 % S

= 0.0184 % CL

OXFORD LAB-X 3000

ANALYSIS REPORT

10/5/2011 4:15am

Calibration title: W/O S-CL BIO

Sample: 96754

S CL

5930 cps 4463 cps

Sample 96754 = -0.0787 % S

= 0.0182 % CL

OXFORD LAB-X 3000

ANALYSIS REPORT

10/5/2011 4:19am

Calibration title: W/O S-CL BIO

Sample: 96755

S CL

6210 cps 4994 cps

Sample 96755 = -0.0586 % S

= 0.0296 % CL

OXFORD LAB-X 3000

ANALYSIS REPORT

10/5/2011 4:23am

Sample 96755 = -0.0586 % S
= 0.0296 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT

10/5/2011 4:23am

Calibration title: W/O S-CL GIO

Sample: 96756

S CL

7541 CPS 5415 CPS

Sample 96756 = 0.0367 % S
= 0.0188 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT

10/5/2011 4:30am

Calibration title: W/O S-CL GIO

Sample: 96758

S CL

6185 CPS 4946 CPS

Sample 96758 = -0.0604 % S
= 0.0286 % CL

W/O S-CL GIO Restandardisation

OXFORD LAB-X 3000
ANALYSIS REPORT

10/5/2011 4:34am

Calibration title: W/O S-CL GIO

Sample: 96757

S CL

5922 CPS 4345 CPS

Sample 96757 = -0.0793 % S
= 0.0149 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT

10/5/2011 4:38am

Calibration title: W/O S-CL GIO

Sample: 96759

S CL

5039 CPS 4091 CPS

ANALYSIS REPORT

10/5/2011 4:38am

Calibration title: W/O S-CL 610

Sample: 96759

S CL

3839 cps 4091 cps

Sample 96759 = -0.0852 % S

= 0.0086 % CL

OXFORD LAB-X 3000

ANALYSIS REPORT

10/5/2011 4:41am

Calibration title: W/O S-CL 610

Sample: 96760

S CL

10787 cps 29736 cps

Sample 96760 = 0.2694 % S

= 0.7650 % CL

OXFORD LAB-X 3000

ANALYSIS REPORT

10/5/2011 4:45am

Calibration title: W/O S-CL 610

Sample: 96762

S CL

5846 cps 4239 cps

Sample 96762 = -0.0648 % S

= 0.0129 % CL

OXFORD LAB-X 3000

ANALYSIS REPORT

10/5/2011 4:51am

Calibration title: W/O S-CL 610

Sample: 96762

S CL

6764 cps 6529 cps

Sample 96762 = -0.0189 % S

= 0.0690 % CL

DAILY RECEIVING LOG USED OILSTANK# 101 DATE/TIME OPENED 10-12-11 OPENED BY _____

GALLONS @ OPENING _____

	GENERATOR	LOAD#	TICKET #	DATE\TIME	GALLONS	PCBs	H2O	CL
1.	ARTCO	1	96809	10-12-11	3970		7	.0067
2.	ARTCO	2	96811	10-12-11	3995		7	.0243
3.	NB	3	96814	10-12-11	5700		7	.0106
4.	ARTCO	4	96815	10-12-11	3960		7	.0070
5.	Future	5	96816	10-12-11	600		7	.0689
6.	Switch over	6	96817	10-12-11	2900		8	
7.	NB	7	96918	10-12-11	5500		8 7	

TOTAL GALLONS IN TANK AT CLOSING _____ DATE AND TIME TANK CLOSED _____

TANK CLOSED AND SECURED BY _____ TANK AGITATED BY _____ TANK SAMPLED BY _____

SUPERVISOR PAPERWORK AND SECURITY SIGN-OFF _____

LABORATORY

SUPERVISOR SIGN-OFF FROM PLANT YES _____ NO _____

CAN ACCOUNT FOR ALL TRUCK SAMPLES INCLUDED ON DAILY LOG YES _____ NO _____

INDIVIDUAL SAMPLES RUN FOR PCB'S YES _____ NO _____

ACCEPTABLE FOR REFINERY FEEDSTOCK YES _____ NO _____

IF ACCEPTABLE AUTHORIZED BY _____ DATE/TIME _____

PLANT

	GALS.OF	TO	FROM	TIME
	GALS.OF	TO	FROM	TO
	GALS.OF	TO	FROM	TO

TANK EMPTY ON DATE _____ TIME _____ OPERATOR _____

10/12

DAILY RECEIVING LOG USED OILS

TANK# 101 DATE/TIME OPENED 10-12-11 OPENED BY _____

GALLONS @ OPENING _____

	GENERATOR	LOAD#	TICKET #	DATE\TIME	GALLONS	PCBs	H2O	CL
1.	hazen tech	<u>8</u>	96819	10-12-11	4800		7	.3288
2.	NIB multi	9	96820	10-12-11	1850		7	.0307
3.	HAZ multi	10	96821	10-12-11	850		7	.1935
4.	NIB	11	96822	10-12-11	5000		7	.0602
5.	NIB	12	96823	10-12-11	4000		7	.0168
6.								
7.								

TOTAL GALLONS IN TANK AT CLOSING _____ DATE AND TIME TANK CLOSED _____

TANK CLOSED AND SECURED BY _____ TANK AGITATED BY _____ TANK SAMPLED BY _____

SUPERVISOR PAPERWORK AND SECURITY SIGN-OFF _____

LABORATORY

SUPERVISOR SIGN-OFF FROM PLANT YES _____ NO _____

CAN ACCOUNT FOR ALL TRUCK SAMPLES INCLUDED ON DAILY LOG YES _____ NO _____

INDIVIDUAL SAMPLES RUN FOR PCB'S YES _____ NO _____

ACCEPTABLE FOR REFINERY FEEDSTOCK YES _____ NO _____

IF ACCEPTABLE AUTHORIZED BY _____ DATE/TIME _____

PLANT

	GALS.OF	TO	FROM	TIME
	_____	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____

TANK EMPTY ON DATE _____ TIME _____ OPERATOR _____

10/12

$$\frac{d}{dt} \left(\frac{1}{\rho} \right) = - \frac{1}{\rho^2} \frac{d\rho}{dt} = - \frac{1}{\rho^2} \left(\frac{\partial \rho}{\partial t} + \nabla \cdot (\rho \mathbf{v}) \right) = - \frac{1}{\rho^2} \left(\frac{\partial \rho}{\partial t} + \rho \nabla \cdot \mathbf{v} + \mathbf{v} \cdot \nabla \rho \right)$$
[illegible]

$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$

^a The number of subjects who were included in the analysis of the effect of the intervention on the primary outcome.

[illegible]

﴿يَا أَيُّهَا الَّذِينَ آمَنُوا لَا تَتَّبِعُوا هَذِهِ السُّلُوكَ الَّتِي اتَّخَذُوا فَتَكُونُوا مِنَ الْخَاسِرِينَ﴾

[illegible]

^a χ^2 = 1.03, df = 1, p = .31. ^b χ^2 = 1.03, df = 1, p = .31. ^c χ^2 = 1.03, df = 1, p = .31. ^d χ^2 = 1.03, df = 1, p = .31. ^e χ^2 = 1.03, df = 1, p = .31. ^f χ^2 = 1.03, df = 1, p = .31. ^g χ^2 = 1.03, df = 1, p = .31. ^h χ^2 = 1.03, df = 1, p = .31. ⁱ χ^2 = 1.03, df = 1, p = .31. ^j χ^2 = 1.03, df = 1, p = .31. ^k χ^2 = 1.03, df = 1, p = .31. ^l χ^2 = 1.03, df = 1, p = .31. ^m χ^2 = 1.03, df = 1, p = .31. ⁿ χ^2 = 1.03, df = 1, p = .31. ^o χ^2 = 1.03, df = 1, p = .31. ^p χ^2 = 1.03, df = 1, p = .31. ^q χ^2 = 1.03, df = 1, p = .31. ^r χ^2 = 1.03, df = 1, p = .31. ^s χ^2 = 1.03, df = 1, p = .31. ^t χ^2 = 1.03, df = 1, p = .31. ^u χ^2 = 1.03, df = 1, p = .31. ^v χ^2 = 1.03, df = 1, p = .31. ^w χ^2 = 1.03, df = 1, p = .31. ^x χ^2 = 1.03, df = 1, p = .31. ^y χ^2 = 1.03, df = 1, p = .31. ^z χ^2 = 1.03, df = 1, p = .31.

09 **08** **07** **06**

Sample 96814 = -0.0752 % S
= 0.0106 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT

10/12/2011 6:47pm

Calibration title: W/O S-CL 610

Sample: 96815

S CL

5831 cps 4834 cps

Sample 96815 = -0.0859 % S
= 0.0070 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT

10/12/2011 6:51pm

Calibration title: W/O S-CL 610

Sample: 96816

S CL

7972 cps 7116 cps

Sample 96816 = 0.0676 % S
= 0.0089 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT

10/12/2011 6:57pm

Calibration title: W/O S-CL 610

Sample: 96817

S CL

12468 cps 22958 cps

Sample 96817 = 0.3899 % S
= 0.0626 % CL

OVERALL 100% PASS

UNIFORM WASTE MANIFEST		1. Generator ID Number 0316005284	2. Page 1 of 1	3. Emergency Response Phone (630)529-0240	4. Manifest Tracking Number 008751568 JJK
5. Generator's Name and Mailing Address SWITCH CRAFT 5555 N. ELSTON CHICAGO, IL			Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name North Branch Environmental			UPM0350461IL		U.S. EPA ID Number ILR0000052977
7. Transporter 2 Company Name					U.S. EPA ID Number
8. Designated Facility Name and Site Address Oroteck 7601 W. 47th street McCook, IL 60525					U.S. EPA ID Number 0311740001
Facility's Phone:					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity
			No.	Type	12. Unit Wt./Vol.
	1.	Non-Hazardous Liquid	001	4	2900
	2.				
	3.				
	4.				
14. Special Handling Instructions and Additional Information <div style="text-align: center;">96817 Work order 95754</div>					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name JASON HICKS			Signature <i>Jason Hicks</i>		Month Day Year 10 12 11
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				
	17. Transporter Acknowledgment of Receipt of Materials				
	Transporter 1 Printed/Typed Name SCOTT SCHAEFER		Signature <i>Scott Schaefer</i>		Month Day Year 10 12 11
	Transporter 2 Printed/Typed Name		Signature		Month Day Year
DESIGNATED FACILITY	18. Discrepancy				
	18a. Discrepancy Indication Space: <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection				
	Manifest Reference Number:				
	18b. Alternate Facility (or Generator) U.S. EPA ID Number				
	Facility's Phone:				
	18c. Signature of Alternate Facility (or Generator) Month Day Year				
	19. Waste Report Management Method Codes (i.e., codes for waste treatment, disposal, and recycling systems)				
	1.	2.	3.	4.	
	20. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 18a				
	Printed/Typed Name Juan Garcia		Signature <i>Juan Garcia</i>		Month Day Year 10 12 11

UNIFORM WASTE MANIFEST		1. Generator ID Number 00000	2. Page 1 of 1	3. Emergency Response Phone 630-458-1910	4. Manifest Tracking Number 000413554WAS	
5. Generator's Name and Mailing Address CITY OF CHICAGO, ILL. 1110 PROMENADE NORTH LAKE, ILL. 60064			Generator's Site Address (if different than mailing address)			
Generator's Phone: 630-762-7636						
6. Transporter 1 Company Name Hazardous Environmental Corporation			U.S. EPA ID Number IL00064785238			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address CITY OF CHICAGO, ILL. 7601 N. 47th Street CHICAGO, ILL. 60631			U.S. EPA ID Number IL00064785238			
Facility's Phone: 773-787-8111						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol
			No.	Type		
	1.	1.000 HAZARDOUS, NON-FLAMMABLE LIQUID (Water)	501		4800	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 96819						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded; and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name ISRAEL SANTIAGO		Signature 		Month Day Year 10/12/11		
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials:					
	Transporter 1: Printed/Typed Name CITY OF CHICAGO		Signature 		Month Day Year 10/12/11	
	Transporter 2: Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy:					
	18a. Discrepancy Indication: Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
	Manifest Reference Number:					
	18b. Alternate Facility (or Generator) U.S. EPA ID Number					
	Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Waste Report Management Method Codes (i.e., codes for waste treatment, disposal, and recycling systems):						
1.		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 18a.						
Printed/Typed Name Juan Garcia		Signature Juan G		Month Day Year 10/12/11		

ATTACHMENT N

Ortek Storage Tanks Inventory

PG 1 ORTEK STORAGE TANKS INVENTORY CURRENT January 30,2012

TANK #	PRODUCT STORED	CAPACITY	INVENTORY
D-1	NOT IN SERVICE	15,000	0
D-2	NOT IN SERVICE	15,000	0
1	OILY WASTE EMULSIONS	15000	0
2	OILY WASTE EMULSIONS	15,000	0
3	OILY WASTE EMULSIONS	15,000	0
4	OILY WASTE EMULSIONS	21,300	7,000
5	OILY WASTE EMULSIONS	21,300	10,000
6	OILY WASTE EMULSIONS	21,300	8,000
7	FUTURE USED OIL	28,770	0
8	FUTURE USED OIL	28,770	5000
9	NOT IN SERVICE	28,770	0
10	NOT IN SERVICE	28,770	0
20	NOT IN SERVICE	8,000	0
98	NOT IN SERVICE	21,300	0
99	NOT IN SERVICE	21,300	0
100	OILY WATER	250,000	125000
101	OILY WATER	250,000	50,000
110	NOT IN SERVICE	15,000	0
120	#5 FUEL OIL - WET	21,300	4,000
121	#5 FUEL OIL - WET	21,300	9,500
122	#5 FUEL OIL - DRY	21,300	0
123	USED OIL	21,300	0
124	#5 FUEL OIL - WET	21,300	19,400
125	USED OIL	21,300	0
126	OILY WASTE EMULSIONS	21,300	8,000
127	OILY WASTE EMULSIONS	21,300	15500
128	WATER SOLUBLE	21,300	3,100
129	WATER SOLUBLE	21,300	13,900
130	USED OIL	21,300	0
131	USED OIL	21,300	0
132	OILY WASTE EMULSIONS	21,300	10,200

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 transporter
 transporter
 from 101
 1
 from 101
 1
 101 from 101

PG 2 ORTEK STORAGE TANKS INVENTORY CURRENT January 30,2012

TANK #	PRODUCT STORED	CAPACITY	INVENTORY
133	USED OIL	21,300	18,500
143	NOT IN SERVICE	21,300	17000
144	NOT IN SERVICE	21,300	15000
145	#5 FUEL OIL - WET	21,300	0
146	#5 FUEL OIL - DRY	21,300	0
201	FLUSHING OIL	1,500	0
204	NOT IN SERVICE	2,100	0
205	NOT IN SERVICE	2,100	0
207	SJR 2000	2,750	0
208	SJR 2000	2,750	0
210	SJR 2000	2,750	0
211	H CAL 2400	2,750	0
212	H CAL 2400	2,750	0
213	ELCO 102 BLEND	2,750	0
214	NIS	2,750	0
215	EXXON 80 NEUTRAL	2,750	0
216	ELCO 102 BLEND	2,750	0
217	RIGID DARK TANK	2,750	0
237	INFINEUM 4540	6,200	0
238	IPC 1500	6,200	0
240	SK 150 NEUTRAL	19,900	0
241	ORTEK BASE OIL-150	10,500	0
242	INFINEUM SL P 5066	12,000	0
250	BLENDING TANK	7,500	0
251	BRANNEN SJ	6,200	0
252	IPC 1500	10,500	0
253	BLEND TANK	12,000	0
307	NOT IN SERVICE	21,300	0
300	OUTSIDE FLUSHING OIL	3,170	2300
310	ASPHALT	21,300	0

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Bldg

PG 3 ORTEK STORAGE TANKS INVENTORY CURRENT January 30, 2012

TANK #	PRODUCT STORED	CAPACITY	INVENTORY
316	T-1/T-2 LIGHT FUEL	15,500	0
323	LIGHT FUEL - API	21,300	12000
324	OILY WASTE EMULSIONS	21,300	0
325	OILY WASTE EMULSIONS	21,300	0
326	NOT IN SERVICE	21,300	0
400	NOT IN SERVICE	250,000	225000
402	ORTEK BASE OIL-150	21,300	0
403	USED OIL	21,300	18000
404	ORTEK BASE OIL-150	24,500	0
405	NOT IN SERVICE	24,500	0
408	CONOCO/CITGO LW	21,300	0
409	USED OIL	21,300	0
410	GLYCOL	21,300	4000
411	GLYCOL	21,300	6000
412	ORTEK BASE OIL-150	21,300	0
413	ORTEK BASE OIL-150	21,300	0
500	BASE OIL	19,400	0
501	BASE OIL	19,400	0
502	BASE OIL	19,400	0
503	BASE OIL	19,400	0
504	BASE OIL	19,400	0
505	BASE OIL	21,300	0
506	BASE OIL	21,300	0
507	BASE OIL	19,400	0
508	BASE OIL	19,400	0
509	BASE OIL	19,400	0
510	BLENDED PRODUCT	14,800	0
511	BLENDED PRODUCT	14,800	0
512	BLENDED PRODUCT	14,800	0
513	BLENDED PRODUCT	14,800	0
514	ALUM SULFATE	4,440	1500
515	CAUSTIC - 50%	4,050	1700
NP 6	ORTEK BASE OIL-150	5,800	0
NP 7	ORTEK BASE OIL-150	5,800	0
DT 40	NOT IN SERVICE	5,800	0
T-1 TOWER	NOT IN SERVICE	10,600	0
T-2 TOWER	USED OIL DISTILLATION	13,380	6,500
T-3 TOWER	NOT IN SERVICE	13,380	0
T-4 TOWER	WET OIL DRYING	13,380	0
T-5 TOWER	NOT IN SERVICE	13,380	0
T-6 TOWER	NOT IN SERVICE	13,380	0

collected
for testing
Tested

Feed
tank distillate
Tested

check case oil
dryed
1